

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: P394789

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T2-DIM10**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394789  
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-LEDB1-3000-UNV-T2-DIM10  
Description: LUMIERE EON LED LUMINAIRE  
PATHWAY, TYPE 2  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 642.1 lumens  
Efficiency: N/A  
Efficacy: 78.3 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

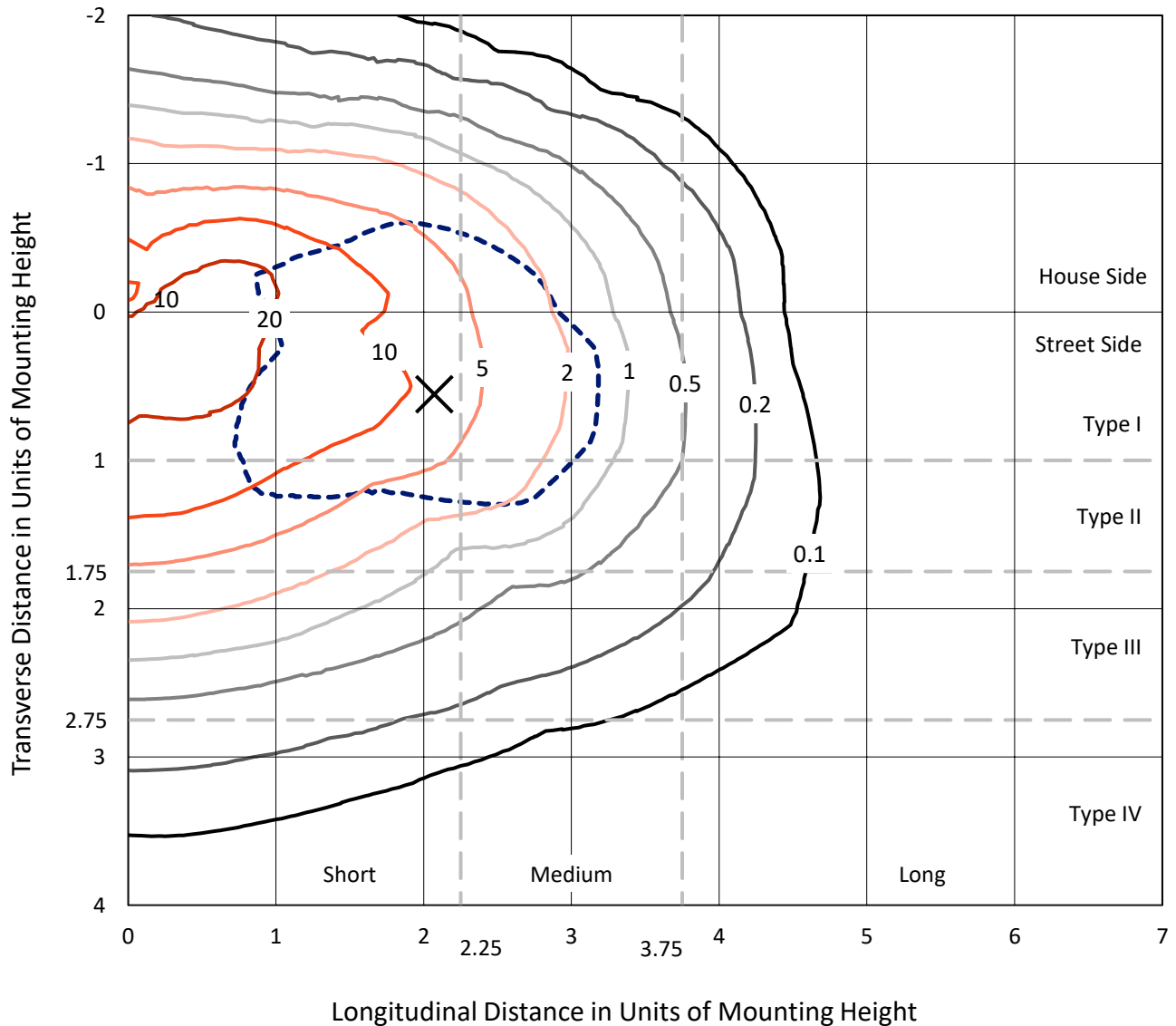
Input Watts (W): 8.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

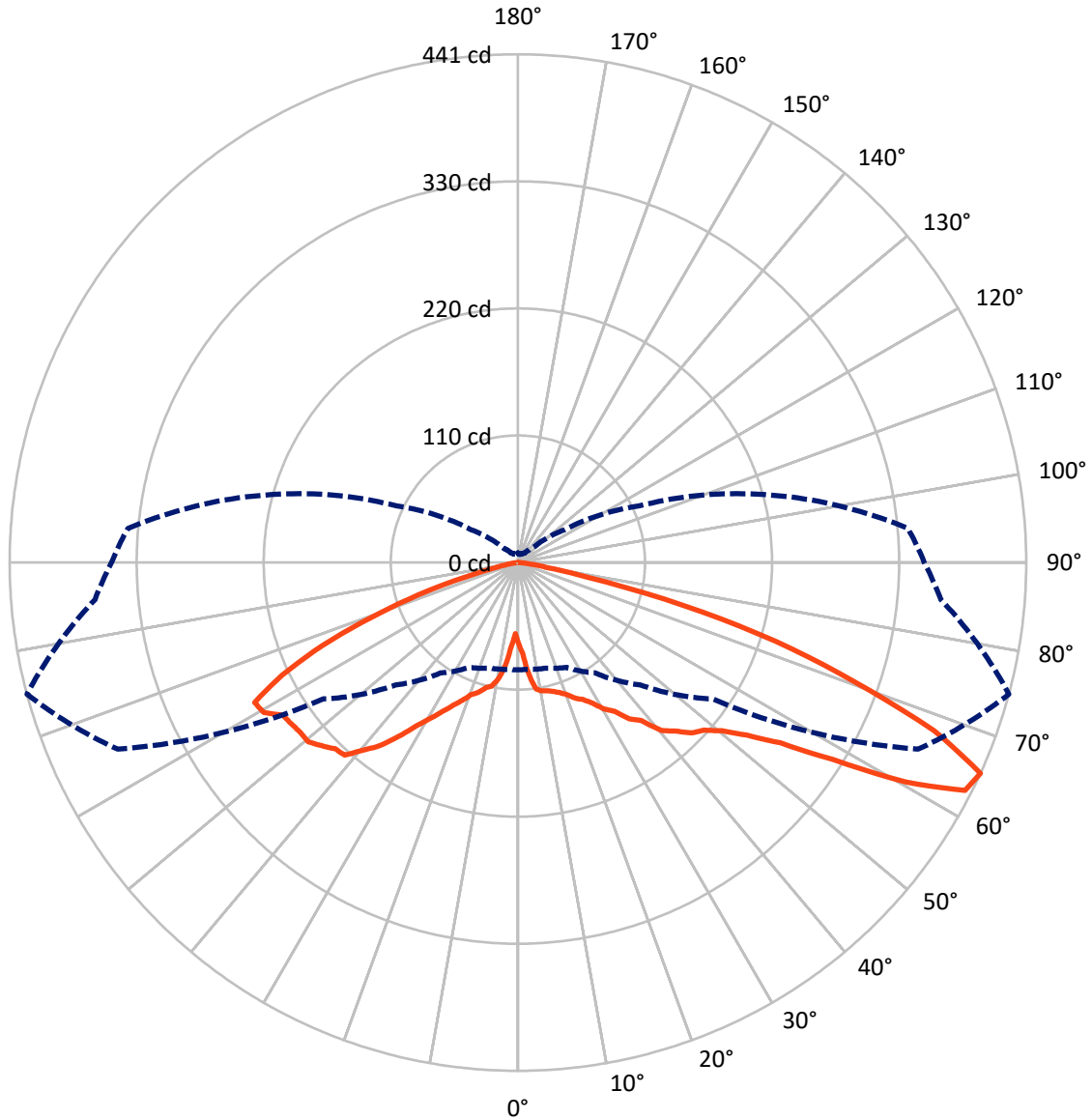
× Max cd  
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 30.3 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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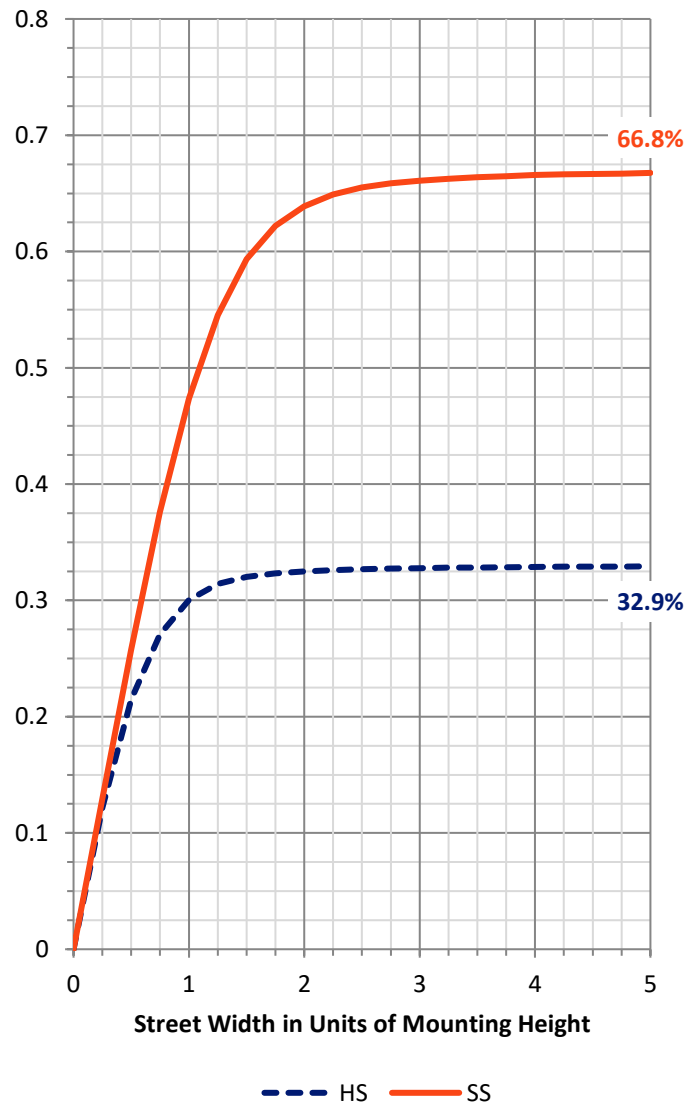
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	212.9	0.0	212.9
	% Fixture	33.1	0.0	33.1
<b>Street Side</b>	Lumens	429.3	0.0	429.3
	% Fixture	66.9	0.0	66.9
<b>Total</b>	Lumens	642.1	0.0	642.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.8	1.2
10°-20°	28.8	4.5
20°-30°	51.7	8.1
30°-40°	83.9	13.1
40°-50°	123.9	19.3
50°-60°	152.8	23.8
60°-70°	142.3	22.2
70°-80°	47.0	7.3
80°-90°	3.9	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°	642.1	100.0
0°-180°	642.1	100.0



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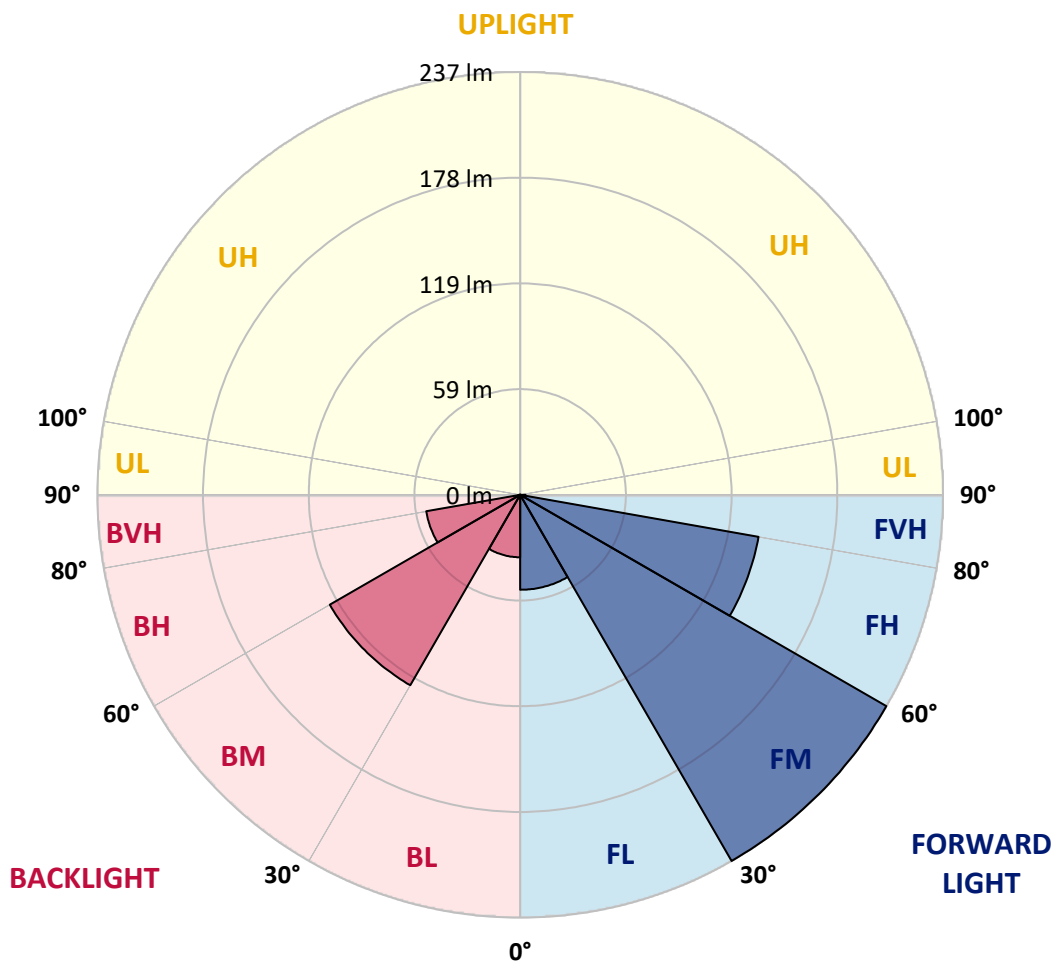
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	53.3	8.3			
FM (30°-60°)	237.3	36.9			
FH (60°-80°)	135.8	21.1			G0/660
FVH (80°-90°)	3.0	0.5			G0/10
BL (0°-30°)	35.1	5.5	B0/110		
BM (30°-60°)	123.3	19.2	B0/220		
BH (60°-80°)	53.5	8.3	B0/110		G0/110
BVH (80°-90°)	0.9	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°	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2.5°	108.5	108.5	108.5	107.6	104.8	101.2	90.1	82.8	79.1	70.8	70.8
5°	111.3	110.4	113.1	111.3	111.3	110.4	111.3	108.5	96.6	87.4	81.9
7.5°	118.6	117.7	117.7	115.9	115.9	115.0	116.8	113.1	110.4	102.1	96.6
10°	126.0	123.2	126.0	122.3	121.4	120.5	119.6	115.9	113.1	111.3	110.4
12.5°	128.8	127.8	128.8	125.1	121.4	124.2	118.6	115.0	114.0	113.1	112.2
15°	135.2	130.6	127.8	126.9	125.1	123.2	119.6	117.7	115.9	115.0	111.3
17.5°	133.4	127.8	127.8	126.9	126.0	126.0	122.3	120.5	118.6	119.6	117.7
20°	130.6	130.6	126.9	129.7	125.1	127.8	126.9	123.2	122.3	122.3	122.3
22.5°	130.6	128.8	131.5	129.7	128.8	129.7	128.8	127.8	127.8	127.8	127.8
25°	128.8	130.6	131.5	131.5	129.7	128.8	135.2	131.5	131.5	133.4	130.6
27.5°	128.8	128.8	129.7	131.5	129.7	136.1	137.0	138.9	138.0	140.7	139.8
30°	131.5	131.5	130.6	138.0	138.9	143.5	146.2	140.7	147.2	149.9	148.1
32.5°	137.0	135.2	139.8	141.6	144.4	150.8	155.4	153.6	153.6	159.1	158.2
35°	149.9	146.2	149.0	150.8	155.4	161.9	165.5	164.6	166.5	167.4	169.2
37.5°	158.2	155.4	156.4	162.8	165.5	172.0	178.4	172.9	173.8	181.2	181.2
40°	169.2	168.3	171.1	174.7	181.2	187.6	193.1	191.3	191.3	195.9	198.7
42.5°	185.8	184.9	182.1	189.5	194.1	200.5	208.8	206.9	199.6	207.9	210.6
45°	191.3	192.2	191.3	193.1	203.3	212.5	223.5	222.6	210.6	217.1	219.8
47.5°	201.4	195.9	198.7	199.6	209.7	221.6	238.2	238.2	217.1	226.2	229.9
50°	200.5	198.7	201.4	205.1	211.5	229.9	250.2	261.2	229.0	228.1	240.0
52.5°	202.3	197.7	200.5	206.9	214.3	228.1	263.0	285.1	248.3	236.4	247.4
55°	199.6	197.7	205.1	209.7	216.1	230.8	270.4	311.8	275.9	243.7	264.0
57.5°	181.2	179.3	185.8	201.4	215.2	229.0	275.0	338.5	321.9	253.8	282.4
60°	146.2	147.2	152.7	169.2	193.1	221.6	264.9	362.4	386.3	286.9	320.1
62.5°	116.8	116.8	117.7	132.4	158.2	197.7	241.9	374.3	435.0	332.0	355.9
65°	92.9	92.9	94.7	100.2	116.8	149.9	206.0	382.6	440.5	367.9	352.2
67.5°	57.9	57.0	61.6	76.3	84.6	105.8	149.0	339.4	389.0	349.5	309.9
70°	34.9	35.9	36.8	44.1	60.7	80.0	95.6	271.3	309.0	292.5	245.6
72.5°	25.8	25.8	26.7	29.4	37.7	58.9	75.4	188.5	233.6	222.6	177.5
75°	16.6	17.5	17.5	19.3	23.9	34.0	64.4	104.8	148.1	125.1	102.1
77.5°	10.1	10.1	10.1	11.0	13.8	17.5	38.6	59.8	60.7	40.5	32.2
80°	7.4	7.4	7.4	7.4	8.3	9.2	17.5	42.3	24.8	12.0	12.0
82.5°	4.6	4.6	5.5	5.5	5.5	5.5	7.4	19.3	12.0	6.4	6.4
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.5	4.6	3.7	3.7
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	1.8	1.8	1.8	0.9	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):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2.5°	68.1	61.6	55.2	44.1	34.0	31.3	24.8	14.7	6.4	6.4
5°	80.9	72.7	61.6	51.5	34.9	29.4	22.1	13.8	4.6	2.8
7.5°	94.7	90.1	77.3	63.5	53.3	44.1	40.5	23.0	22.1	25.8
10°	109.4	102.1	92.9	80.0	66.2	64.4	59.8	48.7	38.6	34.0
12.5°	114.0	109.4	97.5	87.4	75.4	66.2	61.6	52.4	54.3	57.0
15°	115.9	112.2	99.3	84.6	76.3	63.5	60.7	53.3	53.3	56.1
17.5°	118.6	117.7	103.0	92.0	78.2	64.4	58.9	51.5	53.3	55.2
20°	124.2	121.4	107.6	96.6	81.9	65.3	57.9	46.9	51.5	55.2
22.5°	127.8	128.8	113.1	100.2	84.6	67.1	56.1	52.4	53.3	57.0
25°	138.0	136.1	120.5	105.8	82.8	69.0	61.6	51.5	47.8	57.0
27.5°	141.6	145.3	126.0	110.4	84.6	69.9	61.6	51.5	49.7	54.3
30°	150.8	155.4	135.2	117.7	94.7	71.7	61.6	47.8	51.5	55.2
32.5°	162.8	167.4	144.4	123.2	96.6	71.7	60.7	45.1	50.6	54.3
35°	174.7	183.0	157.3	129.7	97.5	69.9	58.9	43.2	43.2	51.5
37.5°	189.5	198.7	166.5	136.1	98.4	69.0	56.1	45.1	42.3	47.8
40°	206.9	210.6	174.7	137.0	95.6	65.3	53.3	42.3	39.5	44.1
42.5°	221.6	224.4	180.3	135.2	90.1	60.7	48.7	39.5	37.7	41.4
45°	234.5	226.2	181.2	131.5	85.5	57.0	46.0	34.9	34.9	36.8
47.5°	241.9	232.7	176.6	126.0	80.9	50.6	40.5	30.4	31.3	32.2
50°	252.9	239.1	171.1	115.9	72.7	45.1	34.0	25.8	27.6	27.6
52.5°	264.9	239.1	162.8	108.5	62.5	38.6	28.5	22.1	23.0	23.9
55°	275.0	241.0	151.8	98.4	54.3	31.3	23.0	18.4	18.4	18.4
57.5°	294.3	242.8	152.7	91.1	45.1	24.8	18.4	14.7	14.7	15.6
60°	331.1	255.7	148.1	79.1	34.9	18.4	13.8	11.0	12.0	12.0
62.5°	353.2	258.4	139.8	65.3	25.8	13.8	10.1	9.2	10.1	10.1
65°	339.4	226.2	115.9	49.7	17.5	10.1	8.3	7.4	7.4	8.3
67.5°	287.9	183.9	85.5	30.4	12.9	9.2	7.4	6.4	6.4	6.4
70°	222.6	135.2	51.5	17.5	10.1	7.4	6.4	5.5	5.5	5.5
72.5°	161.9	91.1	29.4	12.0	8.3	6.4	4.6	3.7	4.6	4.6
75°	92.0	48.7	14.7	9.2	6.4	4.6	3.7	2.8	2.8	3.7
77.5°	33.1	19.3	9.2	7.4	5.5	3.7	2.8	1.8	1.8	1.8
80°	12.0	10.1	6.4	4.6	3.7	2.8	1.8	1.8	1.8	1.8
82.5°	6.4	5.5	3.7	2.8	1.8	0.9	0.9	0.9	0.9	0.9
85°	3.7	2.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	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)