

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: P394798

Luminaire Tested: **303-P1-LEDB1-4000-UNV-T4-DIM10**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394798  
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-LEDB1-4000-UNV-T4-DIM10  
Description: LUMIERE EON LED LUMINAIRE  
PATHWAY, TYPE 4  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 676.6 lumens  
Efficiency: N/A  
Efficacy: 82.5 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

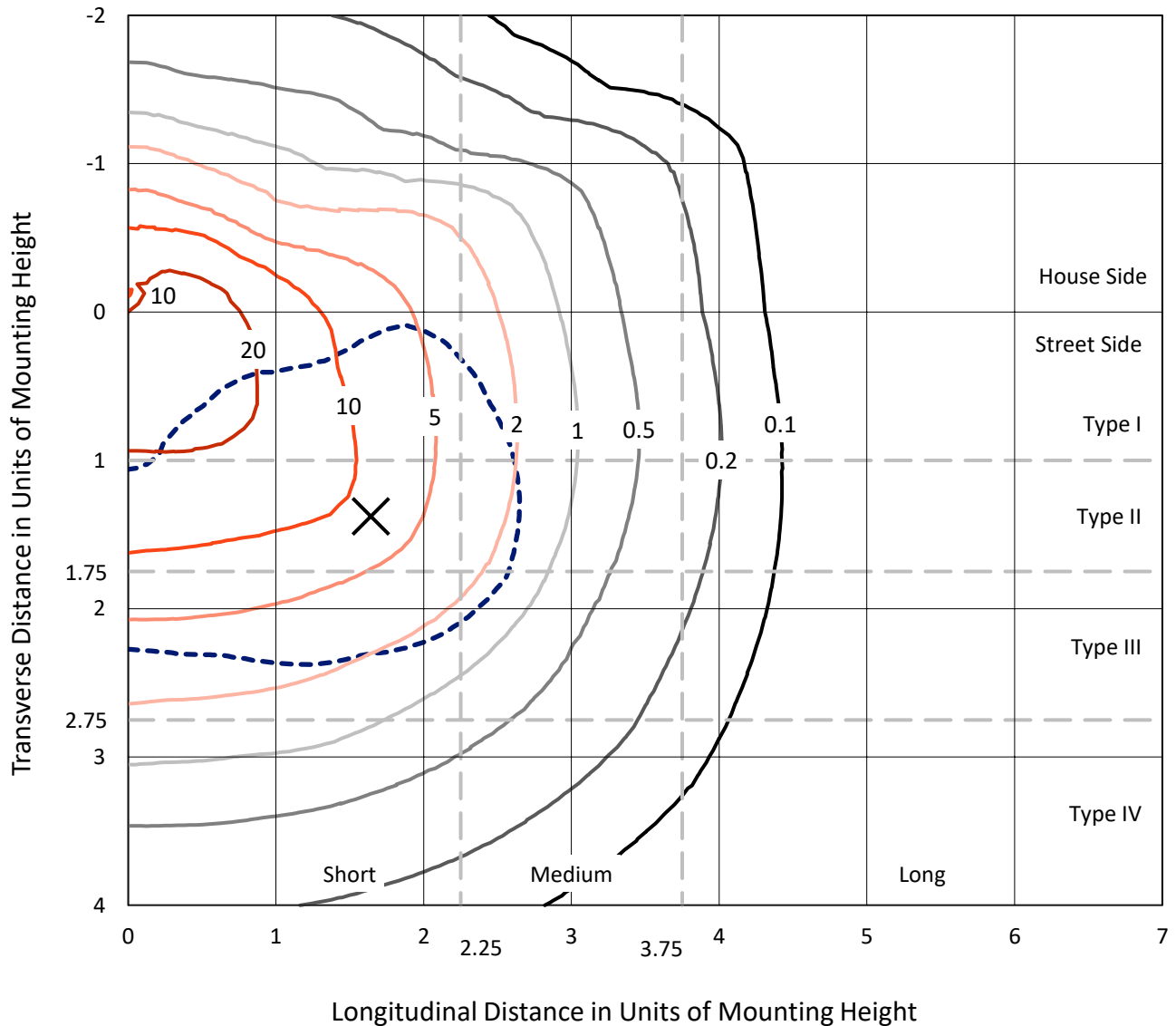
Input Watts (W): 8.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

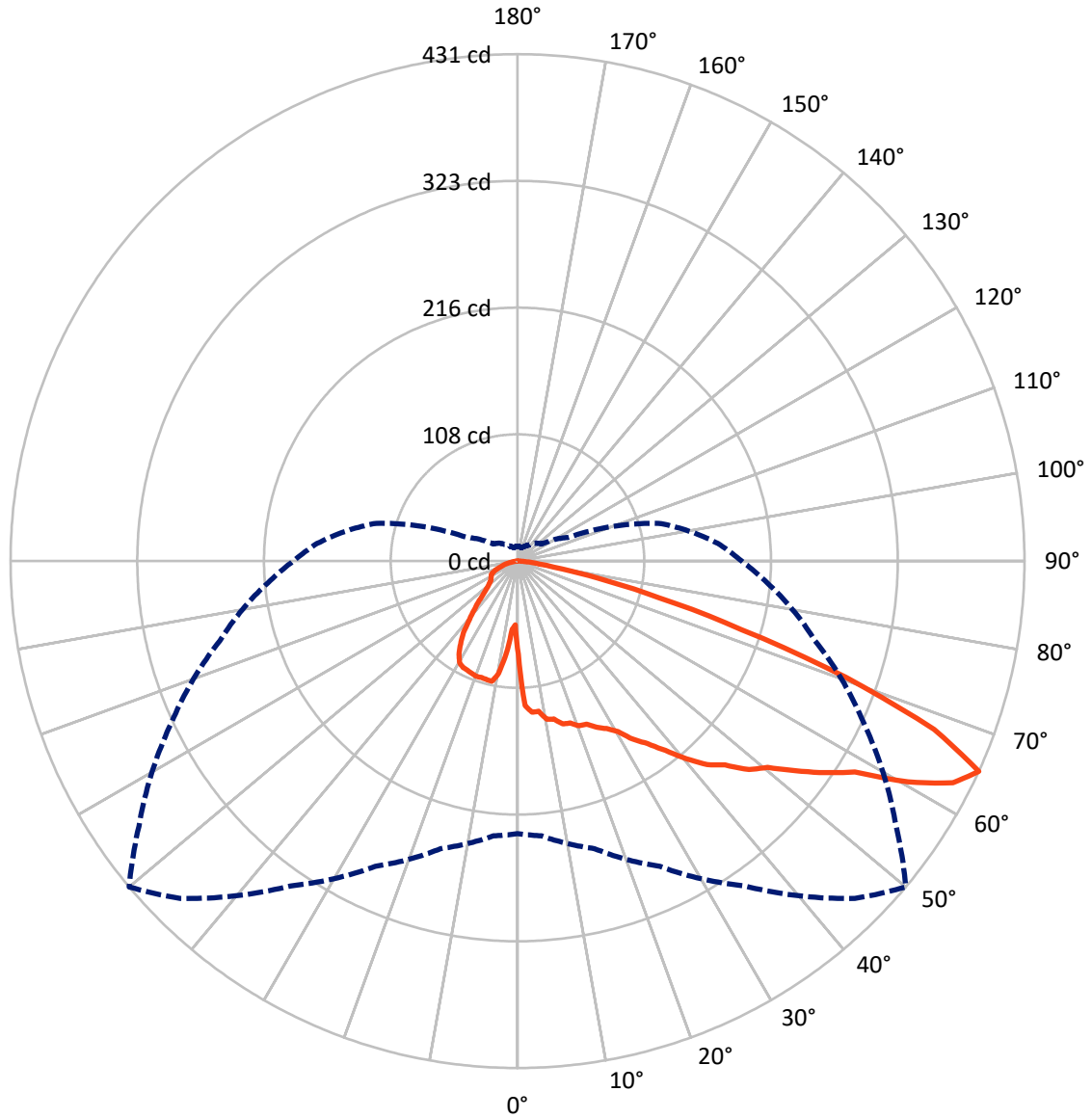
× Max cd  
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 32.9 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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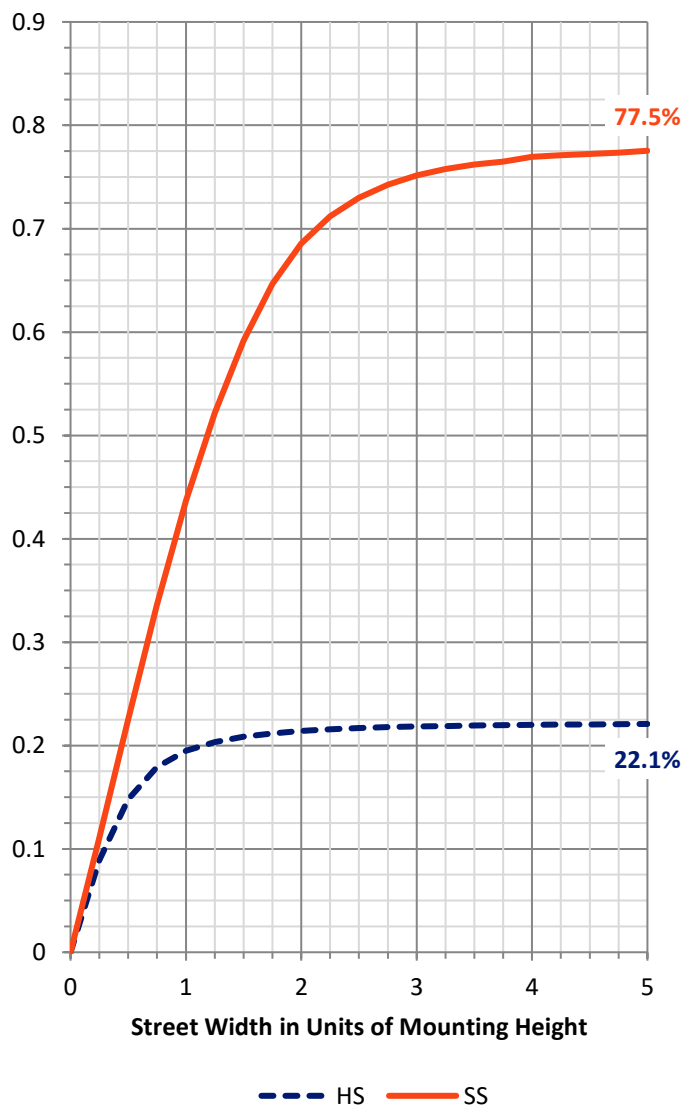
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	150.5	0.0	150.5
	% Fixture	22.2	0.0	22.2
<b>Street Side</b>	Lumens	526.1	0.0	526.1
	% Fixture	77.8	0.0	77.8
<b>Total</b>	Lumens	676.6	0.0	676.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.4	1.4
10°-20°	33.9	5.0
20°-30°	57.8	8.5
30°-40°	85.4	12.6
40°-50°	110.1	16.3
50°-60°	142.8	21.1
60°-70°	165.1	24.4
70°-80°	66.3	9.8
80°-90°	5.9	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°	676.6	100.0
0°-180°	676.6	100.0

**Coefficient of Utilization**



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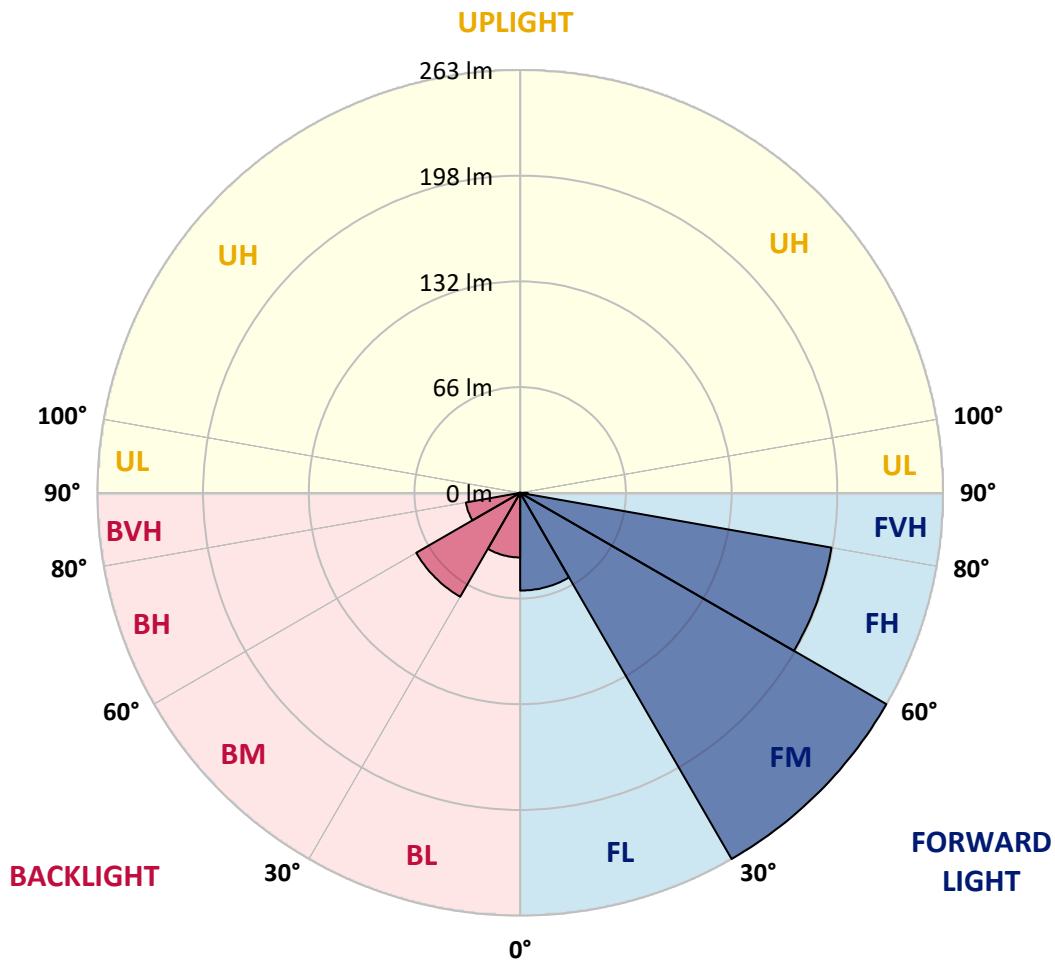
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	60.9	9.0			
FM (30°-60°)	263.5	38.9			
FH (60°-80°)	197.0	29.1			G0/660
FVH (80°-90°)	4.7	0.7			G0/10
BL (0°-30°)	40.3	6.0	B0/110		
BM (30°-60°)	74.8	11.0	B0/220		
BH (60°-80°)	34.4	5.1	B0/110		G0/110
BVH (80°-90°)	1.1	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°	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2.5°	127.2	127.2	128.1	126.2	126.2	122.3	123.2	115.4	99.8	94.9	91.0
5°	127.2	128.1	130.1	127.2	126.2	128.1	129.1	129.1	127.2	115.4	110.5
7.5°	136.0	136.9	135.0	132.0	131.1	130.1	129.1	130.1	130.1	130.1	127.2
10°	142.8	143.8	141.8	137.9	136.0	135.0	136.9	135.0	131.1	131.1	133.0
12.5°	141.8	145.7	141.8	136.0	136.9	136.9	137.9	136.0	130.1	130.1	136.0
15°	142.8	141.8	141.8	136.9	138.9	136.9	143.8	136.9	130.1	130.1	134.0
17.5°	145.7	142.8	142.8	139.9	140.8	141.8	144.8	140.8	134.0	130.1	134.0
20°	149.6	149.6	147.7	144.8	142.8	141.8	149.6	143.8	136.9	132.0	133.0
22.5°	153.6	153.6	154.5	150.6	151.6	145.7	150.6	147.7	141.8	133.0	132.0
25°	158.5	158.5	157.5	156.5	157.5	151.6	156.5	150.6	147.7	139.9	137.9
27.5°	165.3	162.4	163.3	162.4	165.3	160.4	161.4	159.4	155.5	146.7	142.8
30°	169.2	167.3	170.2	170.2	172.1	167.3	168.2	166.3	161.4	156.5	149.6
32.5°	180.9	180.0	181.9	180.0	180.0	176.1	180.9	175.1	171.2	164.3	160.4
35°	187.8	187.8	188.8	192.7	195.6	190.7	190.7	186.8	181.9	175.1	166.3
37.5°	193.7	194.6	198.6	204.4	209.3	199.5	204.4	199.5	192.7	180.9	170.2
40°	198.6	197.6	205.4	216.2	219.1	221.1	221.1	214.2	200.5	183.9	173.1
42.5°	203.4	203.4	214.2	228.9	236.7	237.7	236.7	225.9	209.3	188.8	175.1
45°	209.3	210.3	218.1	231.8	246.5	249.4	247.5	237.7	218.1	193.7	178.0
47.5°	217.1	217.1	225.0	239.6	259.2	264.1	265.1	254.3	222.0	197.6	181.9
50°	225.9	225.9	232.8	250.4	270.0	278.8	275.8	268.0	235.7	204.4	186.8
52.5°	237.7	240.6	245.5	257.2	279.7	292.5	296.4	279.7	244.5	211.3	193.7
55°	252.4	257.2	257.2	269.0	292.5	311.0	317.9	299.3	259.2	220.1	200.5
57.5°	278.8	271.9	278.8	287.6	314.0	338.4	338.4	317.9	277.8	231.8	206.4
60°	275.8	277.8	286.6	308.1	340.4	381.5	381.5	356.0	304.2	251.4	218.1
62.5°	267.0	268.0	282.7	309.1	357.0	413.7	415.7	398.1	329.6	265.1	225.0
65°	231.8	234.7	253.3	286.6	337.4	405.9	431.3	393.2	324.7	262.1	213.2
67.5°	197.6	199.5	210.3	237.7	282.7	353.1	382.4	366.8	304.2	232.8	187.8
70°	173.1	166.3	178.0	201.5	223.0	274.8	296.4	297.3	243.5	191.7	150.6
72.5°	117.4	118.4	129.1	156.5	170.2	192.7	199.5	205.4	178.0	141.8	107.6
75°	74.3	76.3	83.1	95.9	112.5	124.2	124.2	116.4	105.6	90.0	67.5
77.5°	43.0	42.1	47.9	52.8	60.6	67.5	69.4	63.6	53.8	43.0	31.3
80°	22.5	23.5	25.4	28.4	32.3	31.3	31.3	31.3	24.5	18.6	12.7
82.5°	12.7	12.7	14.7	16.6	17.6	16.6	15.6	13.7	10.8	9.8	6.8
85°	5.9	5.9	5.9	6.8	7.8	7.8	7.8	6.8	5.9	4.9	2.9
87.5°	3.9	3.9	3.9	3.9	3.9	2.9	2.9	2.9	2.0	2.0	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2.5°	91.9	91.0	87.1	73.4	57.7	50.9	33.3	23.5	20.5	21.5	23.5
5°	108.6	105.6	91.9	80.2	63.6	52.8	40.1	28.4	13.7	9.8	13.7
7.5°	125.2	117.4	111.5	100.7	89.0	70.4	59.7	43.0	35.2	30.3	35.2
10°	133.0	133.0	128.1	117.4	102.7	91.0	83.1	80.2	72.4	48.9	54.8
12.5°	135.0	135.0	134.0	117.4	110.5	98.8	89.0	82.2	78.2	73.4	77.3
15°	132.0	133.0	133.0	118.4	109.5	98.8	88.0	82.2	82.2	76.3	82.2
17.5°	131.1	132.0	129.1	116.4	107.6	99.8	89.0	82.2	82.2	78.2	83.1
20°	130.1	129.1	129.1	112.5	107.6	100.7	86.1	78.2	79.2	80.2	80.2
22.5°	130.1	129.1	125.2	112.5	106.6	99.8	83.1	76.3	73.4	78.2	76.3
25°	132.0	129.1	125.2	114.4	106.6	97.8	81.2	74.3	71.4	74.3	70.4
27.5°	136.0	134.0	131.1	117.4	106.6	96.8	80.2	70.4	65.5	68.5	66.5
30°	142.8	138.9	133.0	117.4	105.6	93.9	75.3	67.5	62.6	64.6	61.6
32.5°	148.7	144.8	137.9	116.4	100.7	87.1	71.4	62.6	57.7	60.6	51.8
35°	154.5	147.7	136.0	109.5	91.9	79.2	62.6	55.8	51.8	54.8	48.9
37.5°	159.4	151.6	133.0	101.7	83.1	69.4	52.8	48.9	46.9	48.9	46.0
40°	161.4	151.6	129.1	92.9	70.4	57.7	46.0	42.1	41.1	44.0	43.0
42.5°	160.4	150.6	123.2	82.2	59.7	47.9	38.1	36.2	36.2	38.1	38.1
45°	163.3	152.6	115.4	73.4	49.9	40.1	33.3	30.3	30.3	33.3	33.3
47.5°	168.2	151.6	111.5	65.5	41.1	34.2	28.4	26.4	26.4	28.4	27.4
50°	171.2	156.5	109.5	58.7	36.2	29.3	24.5	22.5	21.5	23.5	23.5
52.5°	175.1	158.5	109.5	53.8	32.3	27.4	22.5	19.6	18.6	19.6	19.6
55°	185.8	166.3	109.5	51.8	30.3	25.4	20.5	17.6	16.6	16.6	16.6
57.5°	189.8	169.2	113.5	50.9	29.3	24.5	19.6	16.6	14.7	15.6	15.6
60°	199.5	178.0	120.3	51.8	28.4	23.5	18.6	15.6	13.7	14.7	14.7
62.5°	205.4	180.0	125.2	51.8	27.4	23.5	17.6	14.7	12.7	13.7	13.7
65°	190.7	171.2	124.2	47.9	25.4	21.5	16.6	13.7	11.7	12.7	12.7
67.5°	167.3	148.7	113.5	41.1	23.5	18.6	14.7	12.7	10.8	10.8	11.7
70°	132.0	120.3	94.9	33.3	19.6	15.6	12.7	10.8	9.8	8.8	9.8
72.5°	96.8	88.0	74.3	25.4	15.6	12.7	10.8	9.8	7.8	7.8	8.8
75°	58.7	56.7	50.9	18.6	12.7	10.8	8.8	7.8	6.8	5.9	6.8
77.5°	27.4	26.4	28.4	12.7	9.8	7.8	5.9	4.9	3.9	3.9	4.9
80°	10.8	10.8	12.7	7.8	5.9	4.9	3.9	3.9	2.9	2.9	2.9
82.5°	5.9	5.9	5.9	4.9	3.9	2.9	2.0	2.0	1.0	1.0	1.0
85°	2.9	2.9	2.9	2.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	1.0	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	0.0

(END OF REPORT)