

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: P394804

Luminaire Tested: **303-P1-LEDB1-2700-UNV-T5X-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394804
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-15)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-2700-UNV-T5X-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 5
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 613.6 lumens
Efficiency: N/A
Efficacy: 74.8 lumens/watt
Luminous Opening: Rectangular (W 0.38' x L: 0.21' x H: 0')
IES Classification: Type I - Short
BUG Rating: B0 - U0 - G0

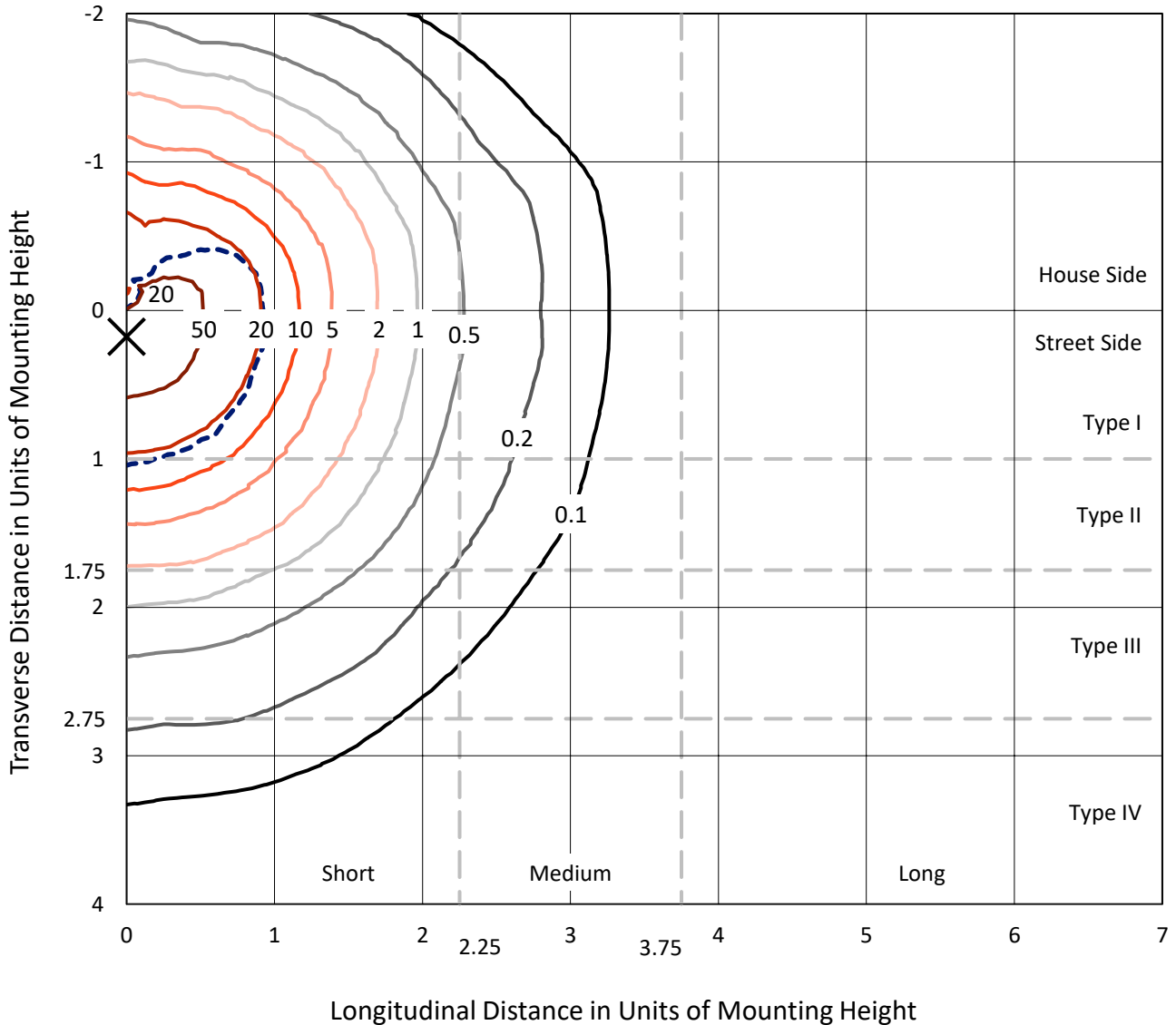
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

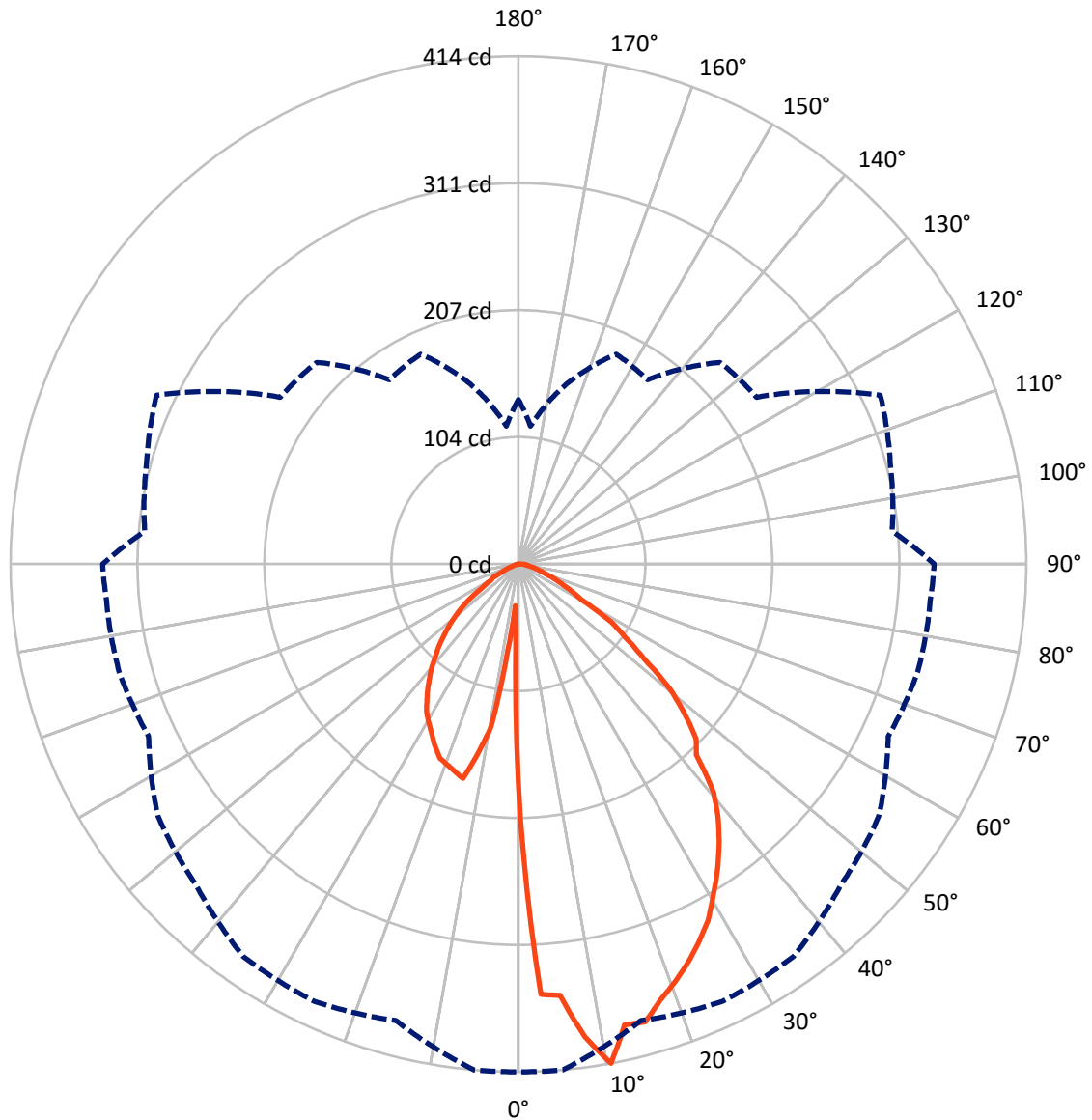
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 93.7 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 10-Deg Vertical

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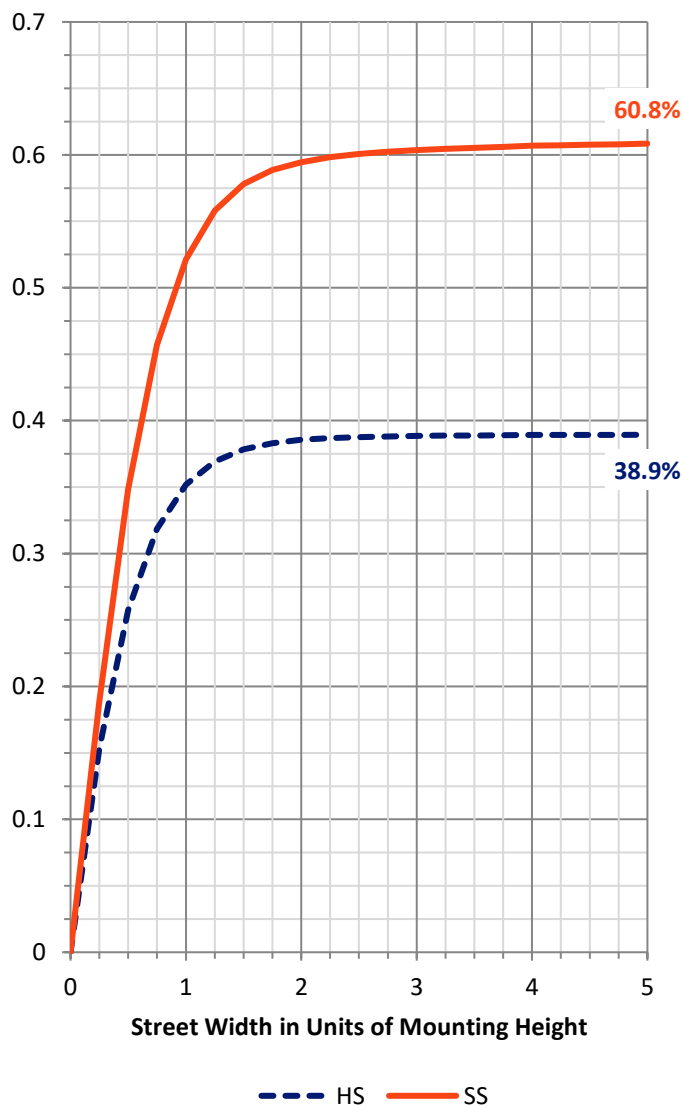
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	240.5	0.0	240.5
	% Fixture	39.2	0.0	39.2
Street Side	Lumens	373.1	0.0	373.1
	% Fixture	60.8	0.0	60.8
Total	Lumens	613.6	0.0	613.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	4.0
10°-20°	83.9	13.7
20°-30°	124.3	20.3
30°-40°	137.7	22.4
40°-50°	121.5	19.8
50°-60°	77.4	12.6
60°-70°	31.8	5.2
70°-80°	10.5	1.7
80°-90°	2.2	0.4
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°	613.6	100.0
0°-180°	613.6	100.0

Coefficient of Utilization



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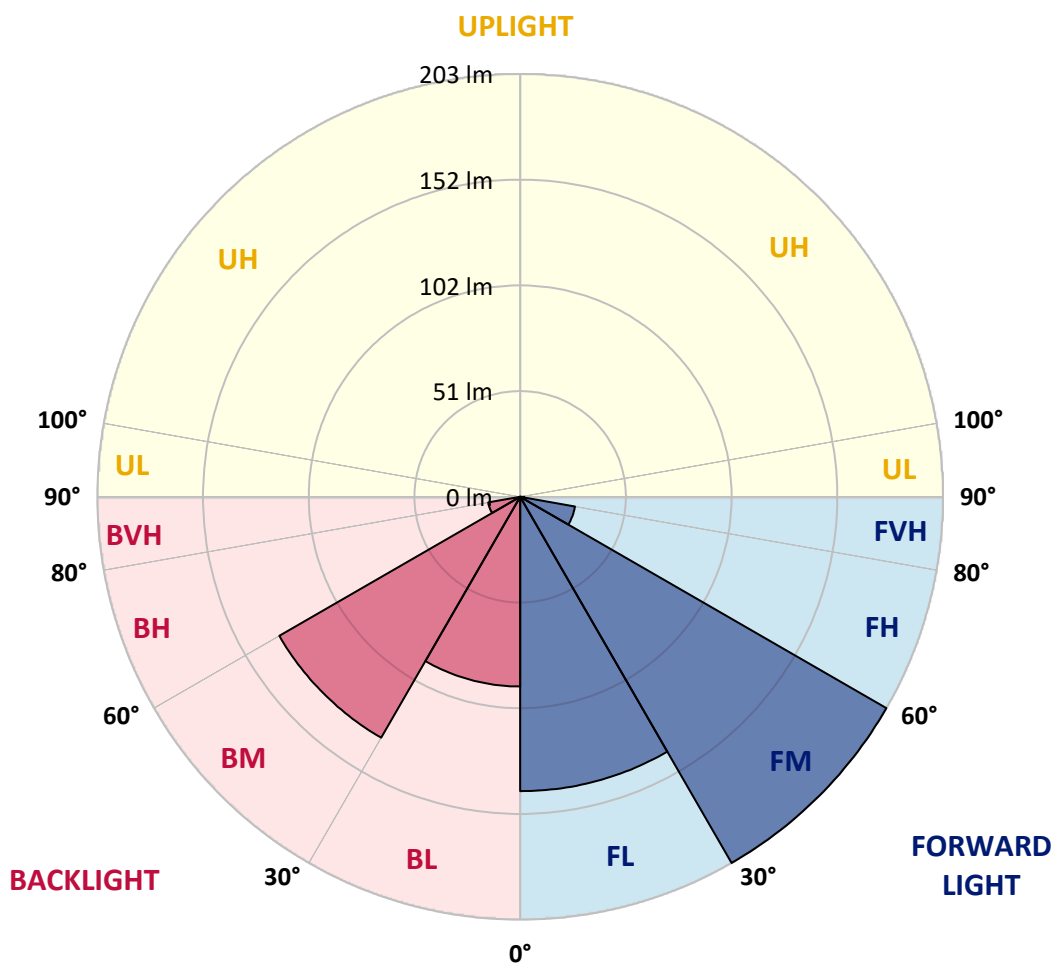
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	141.4	23.0			
FM (30°-60°)	203.1	33.1			
FH (60°-80°)	26.7	4.4			G0/660
FVH (80°-90°)	2.0	0.3			G0/10
BL (0°-30°)	91.1	14.8	B0/110		
BM (30°-60°)	133.6	21.8	B0/220		
BH (60°-80°)	15.6	2.5	B0/110		G0/110
BVH (80°-90°)	0.2	0.0			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 I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2
2.5°	351.4	347.8	341.6	359.5	349.6	317.4	265.6	246.8	228.9	225.3	220.9
5°	353.2	349.6	344.3	352.3	342.5	344.3	346.0	337.1	290.6	268.2	265.6
7.5°	389.0	368.4	378.2	369.3	351.4	346.9	334.4	330.8	342.5	313.9	317.4
10°	414.0	414.0	385.4	393.4	390.7	371.1	358.6	332.6	337.1	337.1	338.9
12.5°	385.4	396.1	379.1	384.5	397.0	375.5	350.5	337.1	353.2	329.9	323.7
15°	387.2	386.3	376.4	383.6	363.9	363.0	349.6	343.4	337.1	325.5	329.9
17.5°	373.8	387.2	341.6	373.8	384.5	361.2	342.5	329.9	333.5	321.9	295.1
20°	363.9	365.7	343.4	366.6	374.7	346.0	346.0	330.8	317.4	332.6	317.4
22.5°	353.2	351.4	332.6	352.3	363.0	346.9	336.2	320.1	328.2	308.5	304.9
25°	341.6	341.6	332.6	339.8	338.9	323.7	325.5	305.8	307.6	299.5	289.7
27.5°	329.1	329.1	318.3	324.6	318.3	316.5	304.9	296.0	296.9	297.8	287.0
30°	313.0	305.8	304.9	309.4	316.5	303.1	292.4	286.1	283.4	287.0	275.4
32.5°	297.8	296.9	287.0	296.0	295.1	282.6	272.7	270.0	267.4	272.7	260.2
35°	281.7	281.7	273.6	279.0	273.6	271.8	261.1	254.8	243.2	251.3	246.8
37.5°	264.7	254.8	254.8	253.0	255.7	251.3	247.7	233.4	234.3	233.4	224.4
40°	245.0	244.1	237.0	235.2	236.1	232.5	228.9	216.4	218.2	215.5	211.0
42.5°	212.8	220.9	228.0	222.6	218.2	220.9	209.2	199.4	200.3	201.2	194.0
45°	203.0	203.0	194.9	192.2	196.7	186.9	188.7	180.6	186.0	177.9	177.0
47.5°	182.4	172.6	174.4	176.1	182.4	161.8	169.0	164.5	164.5	168.1	159.2
50°	160.1	158.3	160.1	144.9	159.2	150.2	146.6	144.0	137.7	144.9	139.5
52.5°	127.9	135.9	133.2	133.2	133.2	134.1	126.1	118.9	126.1	118.0	115.3
55°	106.4	108.2	109.1	110.0	110.0	103.7	102.8	97.5	96.6	95.7	91.2
57.5°	89.4	88.5	90.3	88.5	90.3	86.7	84.9	77.8	77.8	76.0	71.5
60°	59.0	59.0	67.1	68.0	71.5	68.0	64.4	61.7	59.0	59.9	56.3
62.5°	48.3	46.5	48.3	46.5	52.8	52.8	49.2	48.3	45.6	45.6	44.7
65°	38.4	35.8	39.3	38.4	39.3	40.2	39.3	36.7	34.0	34.9	34.0
67.5°	30.4	29.5	30.4	30.4	30.4	31.3	30.4	28.6	26.8	28.6	27.7
70°	22.4	21.5	24.1	23.2	24.1	21.5	21.5	21.5	20.6	22.4	21.5
72.5°	17.9	17.0	17.9	17.9	17.0	17.0	17.0	17.9	17.0	17.0	17.0
75°	14.3	14.3	14.3	14.3	13.4	12.5	11.6	12.5	11.6	11.6	10.7
77.5°	10.7	10.7	11.6	10.7	9.8	9.8	8.0	8.9	8.0	8.0	8.0
80°	8.0	8.0	8.0	8.0	8.0	7.2	6.3	5.4	5.4	4.5	4.5
82.5°	6.3	6.3	6.3	6.3	5.4	5.4	4.5	3.6	2.7	2.7	1.8
85°	5.4	5.4	5.4	4.5	4.5	3.6	2.7	1.8	1.8	0.9	0.0
87.5°	4.5	4.5	4.5	4.5	3.6	2.7	2.7	1.8	0.9	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



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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2	209.2
2.5°	222.6	222.6	163.6	124.3	91.2	52.8	53.6	49.2	50.1	56.3
5°	270.9	214.6	160.9	132.3	145.7	95.7	61.7	46.5	42.9	34.0
7.5°	298.6	259.3	249.5	201.2	171.7	165.4	95.7	91.2	76.9	70.6
10°	305.8	313.9	325.5	237.0	232.5	183.3	188.7	152.0	112.7	134.1
12.5°	332.6	331.7	309.4	259.3	233.4	211.9	201.2	157.4	149.3	157.4
15°	318.3	327.3	295.1	241.4	219.1	199.4	176.1	147.5	154.7	180.6
17.5°	321.0	307.6	307.6	250.4	228.0	201.2	169.0	156.5	160.1	177.0
20°	312.1	314.7	292.4	251.3	218.2	188.7	182.4	150.2	158.3	173.5
22.5°	305.8	296.0	285.2	250.4	210.1	194.9	178.8	144.9	151.1	170.8
25°	296.0	295.1	283.4	230.7	203.0	180.6	172.6	138.6	141.3	163.6
27.5°	287.0	288.8	271.8	223.5	192.2	178.8	168.1	126.1	135.9	155.6
30°	273.6	271.8	254.8	222.6	186.9	165.4	158.3	122.5	124.3	148.4
32.5°	262.0	259.3	239.6	202.1	183.3	156.5	150.2	118.9	121.6	141.3
35°	237.8	242.3	226.2	197.6	172.6	146.6	145.7	109.1	118.0	131.4
37.5°	228.9	220.0	214.6	183.3	151.1	135.9	129.7	102.8	103.7	121.6
40°	215.5	203.9	195.8	169.0	144.0	126.1	115.3	97.5	96.6	111.8
42.5°	193.1	194.0	178.8	149.3	135.0	111.8	110.0	85.8	91.2	101.0
45°	175.3	176.1	160.1	137.7	121.6	101.9	97.5	76.9	80.5	91.2
47.5°	156.5	157.4	140.4	124.3	108.2	88.5	86.7	66.2	71.5	80.5
50°	142.2	135.9	121.6	107.3	91.2	77.8	75.1	59.0	62.6	70.6
52.5°	113.6	119.8	103.7	89.4	78.7	65.3	62.6	52.8	53.6	59.9
55°	95.7	93.9	83.2	76.9	62.6	53.6	51.0	41.1	44.7	48.3
57.5°	72.4	76.9	67.1	60.8	51.9	42.9	41.1	34.9	36.7	34.9
60°	58.1	59.0	51.9	48.3	41.1	33.1	30.4	23.2	27.7	25.9
62.5°	44.7	46.5	40.2	37.6	31.3	25.9	22.4	17.0	21.5	23.2
65°	34.9	35.8	30.4	27.7	24.1	18.8	15.2	10.7	12.5	14.3
67.5°	26.8	27.7	22.4	20.6	17.9	13.4	9.8	8.0	8.9	10.7
70°	22.4	22.4	16.1	13.4	10.7	7.2	6.3	4.5	6.3	6.3
72.5°	17.0	17.0	12.5	9.8	7.2	5.4	4.5	3.6	4.5	4.5
75°	11.6	12.5	8.9	6.3	4.5	3.6	3.6	1.8	2.7	1.8
77.5°	7.2	7.2	4.5	3.6	2.7	1.8	1.8	0.9	0.9	0.9
80°	4.5	4.5	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0
82.5°	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	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)