

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: P394805

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T5X-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394805
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-LEDB1-3000-UNV-T5X-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 5
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 631.2 lumens
Efficiency: N/A
Efficacy: 77.0 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

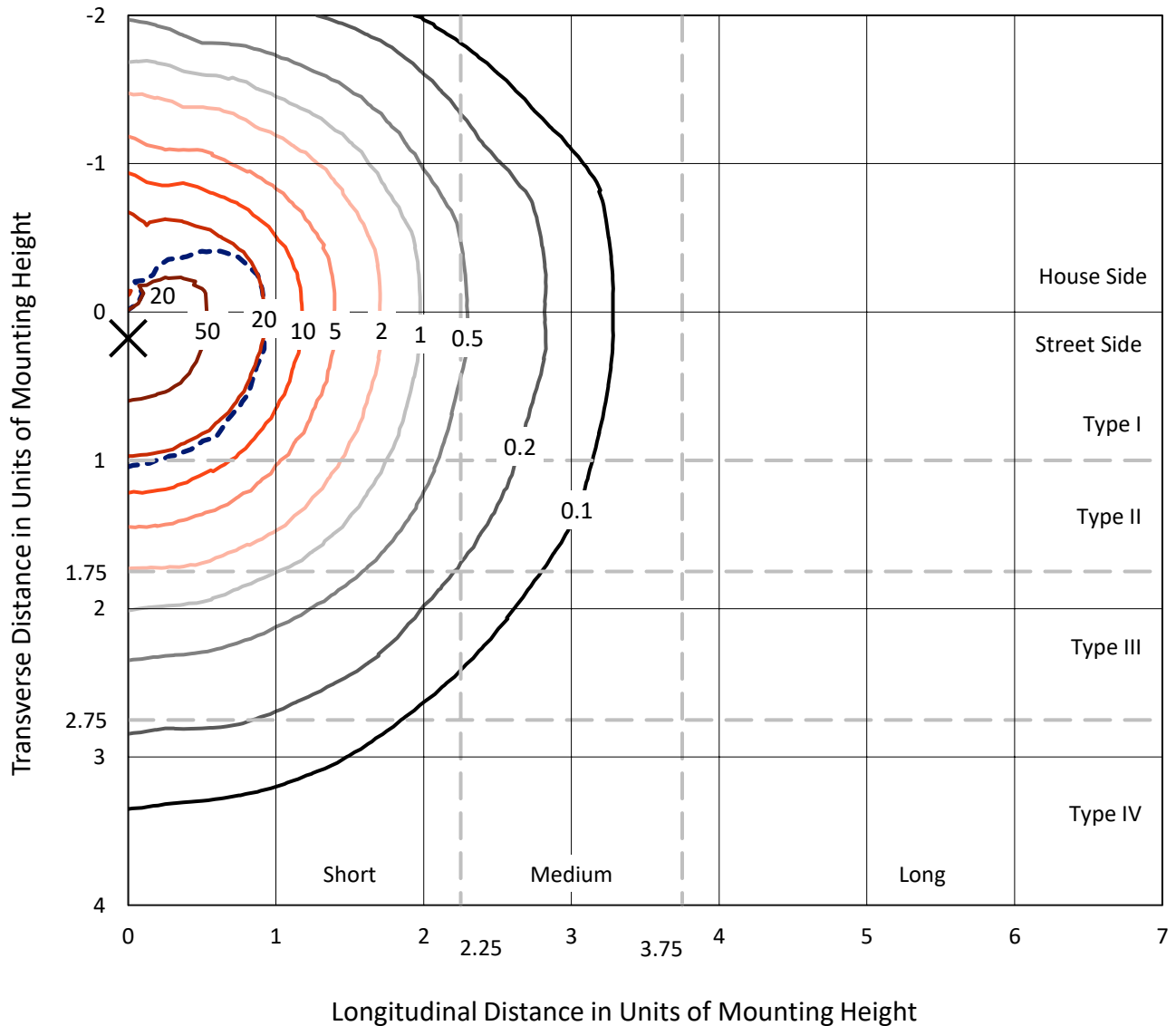
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

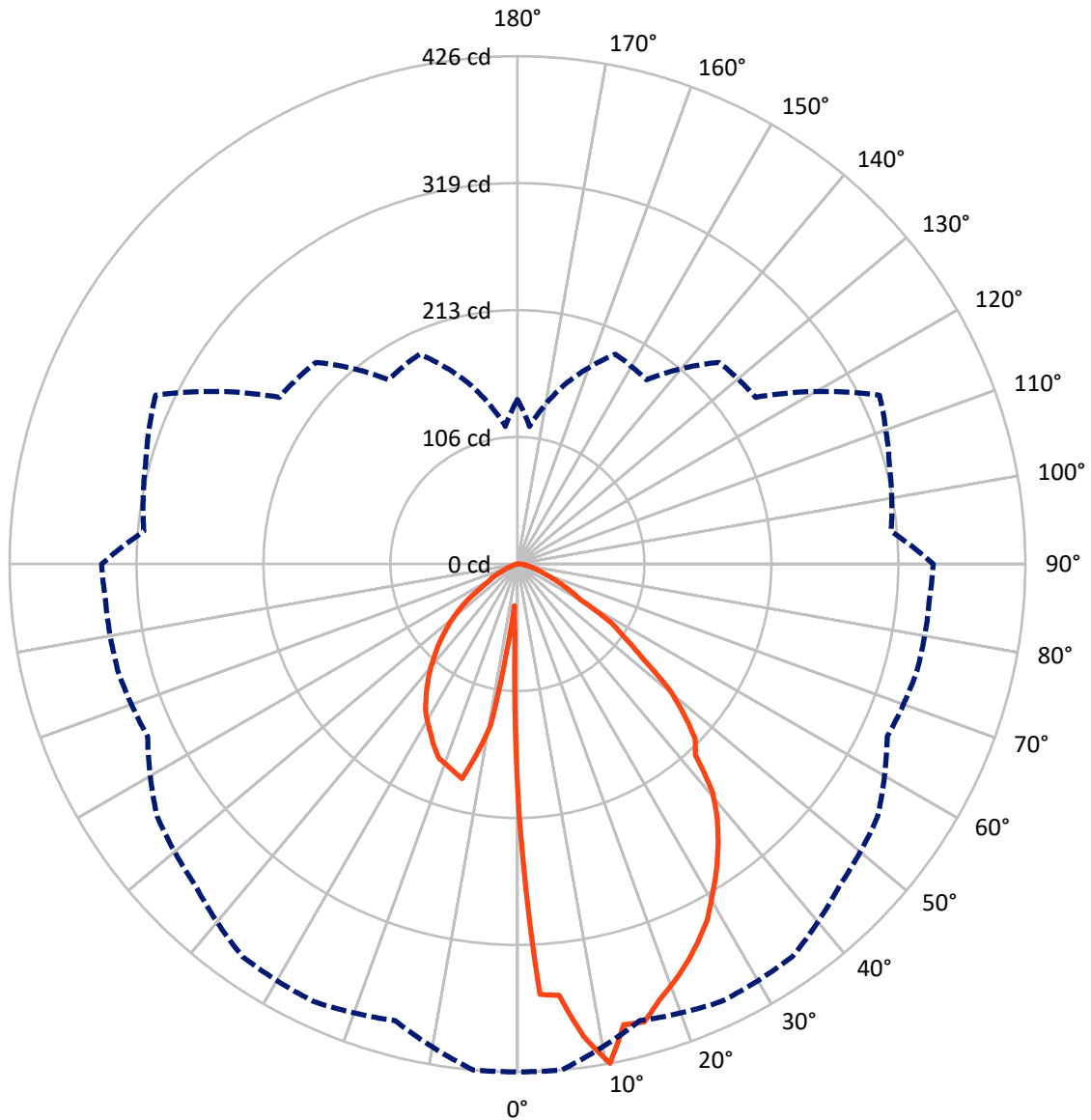
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 96.4 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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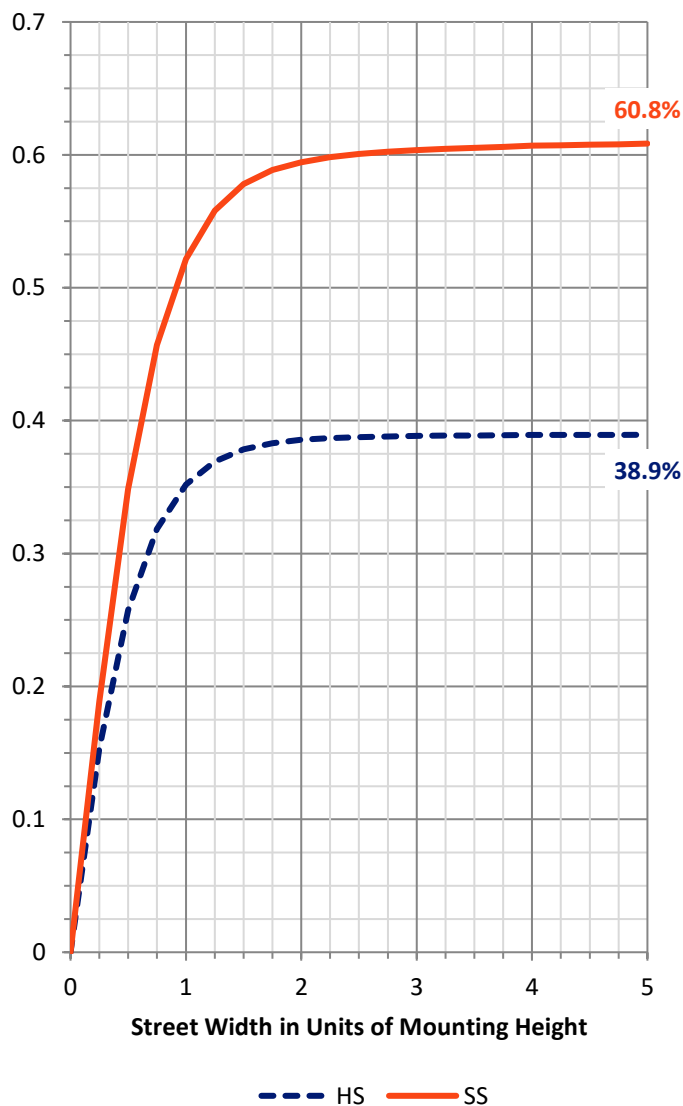
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	247.4	0.0	247.4
	% Fixture	39.2	0.0	39.2
Street Side	Lumens	383.8	0.0	383.8
	% Fixture	60.8	0.0	60.8
Total	Lumens	631.2	0.0	631.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	4.0
10°-20°	86.2	13.7
20°-30°	127.9	20.3
30°-40°	141.7	22.4
40°-50°	125.0	19.8
50°-60°	79.6	12.6
60°-70°	32.7	5.2
70°-80°	10.8	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°	631.2	100.0
0°-180°	631.2	100.0

Coefficient of Utilization



REPORT NUMBER: P394805

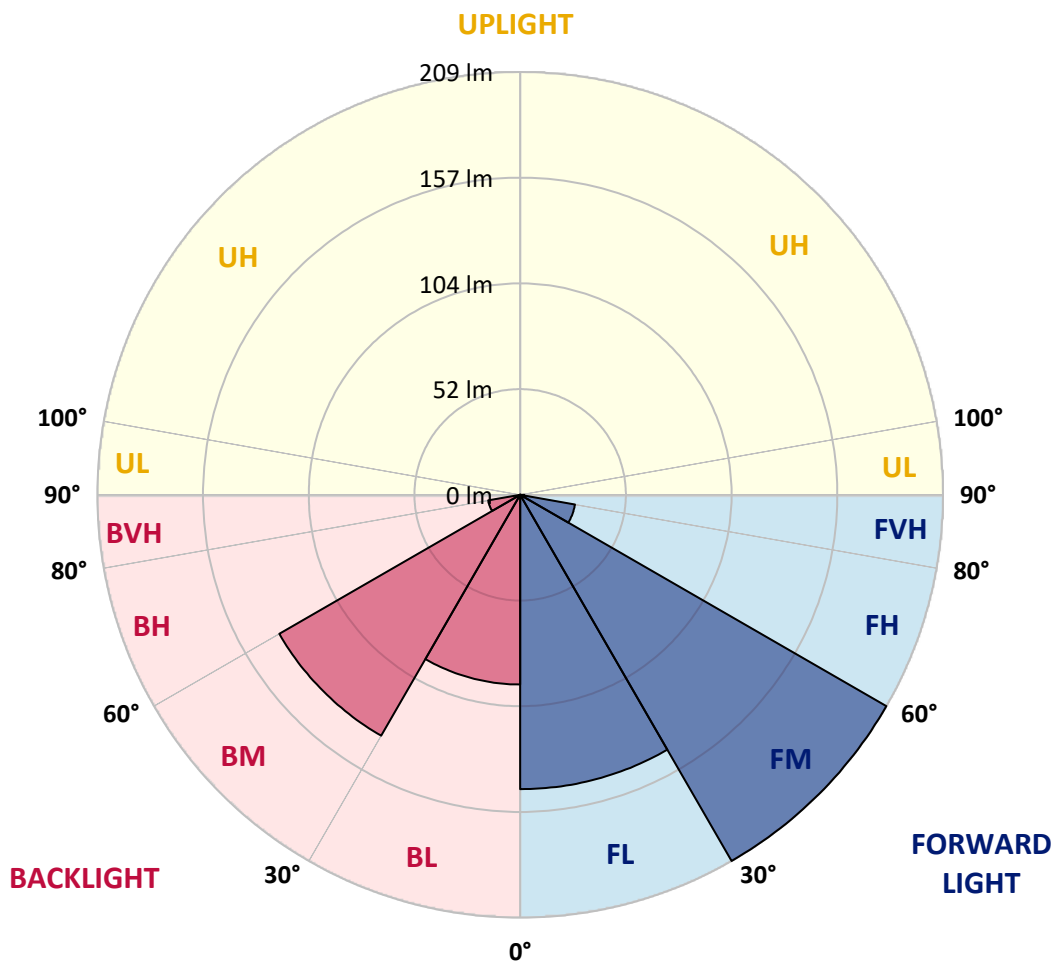
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	145.4	23.0			
FM (30°-60°)	208.9	33.1			
FH (60°-80°)	27.5	4.4			G0/660
FVH (80°-90°)	2.0	0.3			G0/10
BL (0°-30°)	93.7	14.8	B0/110		
BM (30°-60°)	137.4	21.8	B0/220		
BH (60°-80°)	16.0	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





REPORT NUMBER: P394805

CATALOG NUMBER: 303-P1-LEDB1-3000-UNV-T5X-DIM10

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2
2.5°	361.4	357.8	351.3	369.7	359.6	326.5	273.2	253.8	235.4	231.8	227.2
5°	363.3	359.6	354.1	362.4	352.2	354.1	355.9	346.7	298.9	275.9	273.2
7.5°	400.1	378.9	389.0	379.8	361.4	356.8	344.0	340.3	352.2	322.8	326.5
10°	425.8	425.8	396.4	404.7	401.9	381.7	368.8	342.1	346.7	346.7	348.6
12.5°	396.4	407.4	390.0	395.5	408.4	386.3	360.5	346.7	363.3	339.4	332.9
15°	398.2	397.3	387.2	394.6	374.3	373.4	359.6	353.2	346.7	334.8	339.4
17.5°	384.4	398.2	351.3	384.4	395.5	371.6	352.2	339.4	343.1	331.1	303.5
20°	374.3	376.2	353.2	377.1	385.4	355.9	355.9	340.3	326.5	342.1	326.5
22.5°	363.3	361.4	342.1	362.4	373.4	356.8	345.8	329.3	337.5	317.3	313.6
25°	351.3	351.3	342.1	349.5	348.6	332.9	334.8	314.5	316.4	308.1	298.0
27.5°	338.5	338.5	327.4	333.9	327.4	325.6	313.6	304.4	305.3	306.3	295.2
30°	321.9	314.5	313.6	318.2	325.6	311.8	300.7	294.3	291.5	295.2	283.3
32.5°	306.3	305.3	295.2	304.4	303.5	290.6	280.5	277.8	275.0	280.5	267.6
35°	289.7	289.7	281.4	286.9	281.4	279.6	268.6	262.1	250.2	258.4	253.8
37.5°	272.2	262.1	262.1	260.3	263.0	258.4	254.8	240.0	241.0	240.0	230.8
40°	252.0	251.1	243.7	241.9	242.8	239.1	235.4	222.6	224.4	221.6	217.1
42.5°	218.9	227.2	234.5	229.0	224.4	227.2	215.2	205.1	206.0	206.9	199.6
45°	208.8	208.8	200.5	197.7	202.3	192.2	194.1	185.8	191.3	183.0	182.1
47.5°	187.6	177.5	179.3	181.2	187.6	166.5	173.8	169.2	169.2	172.9	163.7
50°	164.6	162.8	164.6	149.0	163.7	154.5	150.8	148.1	141.6	149.0	143.5
52.5°	131.5	139.8	137.0	137.0	137.0	138.0	129.7	122.3	129.7	121.4	118.6
55°	109.4	111.3	112.2	113.1	113.1	106.7	105.8	100.2	99.3	98.4	93.8
57.5°	92.0	91.1	92.9	91.1	92.9	89.2	87.4	80.0	80.0	78.2	73.6
60°	60.7	60.7	69.0	69.9	73.6	69.9	66.2	63.5	60.7	61.6	57.9
62.5°	49.7	47.8	49.7	47.8	54.3	54.3	50.6	49.7	46.9	46.9	46.0
65°	39.5	36.8	40.5	39.5	40.5	41.4	40.5	37.7	34.9	35.9	34.9
67.5°	31.3	30.4	31.3	31.3	31.3	32.2	31.3	29.4	27.6	29.4	28.5
70°	23.0	22.1	24.8	23.9	24.8	22.1	22.1	22.1	21.2	23.0	22.1
72.5°	18.4	17.5	18.4	18.4	17.5	17.5	17.5	18.4	17.5	17.5	17.5
75°	14.7	14.7	14.7	14.7	13.8	12.9	12.0	12.9	12.0	12.0	11.0
77.5°	11.0	11.0	12.0	11.0	10.1	10.1	8.3	9.2	8.3	8.3	8.3
80°	8.3	8.3	8.3	8.3	8.3	7.4	6.4	5.5	5.5	4.6	4.6
82.5°	6.4	6.4	6.4	6.4	5.5	5.5	4.6	3.7	2.8	2.8	1.8
85°	5.5	5.5	5.5	4.6	4.6	3.7	2.8	1.8	1.8	0.9	0.0
87.5°	4.6	4.6	4.6	4.6	3.7	2.8	2.8	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



REPORT NUMBER: P394805
 CATALOG NUMBER: 303-P1-LEDB1-3000-UNV-T5X-DIM10

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2	215.2
2.5°	229.0	229.0	168.3	127.8	93.8	54.3	55.2	50.6	51.5	57.9
5°	278.7	220.7	165.5	136.1	149.9	98.4	63.5	47.8	44.1	34.9
7.5°	307.2	266.7	256.6	206.9	176.6	170.1	98.4	93.8	79.1	72.7
10°	314.5	322.8	334.8	243.7	239.1	188.5	194.1	156.4	115.9	138.0
12.5°	342.1	341.2	318.2	266.7	240.0	218.0	206.9	161.9	153.6	161.9
15°	327.4	336.6	303.5	248.3	225.3	205.1	181.2	151.8	159.1	185.8
17.5°	330.2	316.4	316.4	257.5	234.5	206.9	173.8	160.9	164.6	182.1
20°	321.0	323.7	300.7	258.4	224.4	194.1	187.6	154.5	162.8	178.4
22.5°	314.5	304.4	293.4	257.5	216.1	200.5	183.9	149.0	155.4	175.7
25°	304.4	303.5	291.5	237.3	208.8	185.8	177.5	142.6	145.3	168.3
27.5°	295.2	297.1	279.6	229.9	197.7	183.9	172.9	129.7	139.8	160.0
30°	281.4	279.6	262.1	229.0	192.2	170.1	162.8	126.0	127.8	152.7
32.5°	269.5	266.7	246.5	207.9	188.5	160.9	154.5	122.3	125.1	145.3
35°	244.6	249.2	232.7	203.3	177.5	150.8	149.9	112.2	121.4	135.2
37.5°	235.4	226.2	220.7	188.5	155.4	139.8	133.4	105.8	106.7	125.1
40°	221.6	209.7	201.4	173.8	148.1	129.7	118.6	100.2	99.3	115.0
42.5°	198.7	199.6	183.9	153.6	138.9	115.0	113.1	88.3	93.8	103.9
45°	180.3	181.2	164.6	141.6	125.1	104.8	100.2	79.1	82.8	93.8
47.5°	160.9	161.9	144.4	127.8	111.3	91.1	89.2	68.1	73.6	82.8
50°	146.2	139.8	125.1	110.4	93.8	80.0	77.3	60.7	64.4	72.7
52.5°	116.8	123.2	106.7	92.0	80.9	67.1	64.4	54.3	55.2	61.6
55°	98.4	96.6	85.5	79.1	64.4	55.2	52.4	42.3	46.0	49.7
57.5°	74.5	79.1	69.0	62.5	53.3	44.1	42.3	35.9	37.7	35.9
60°	59.8	60.7	53.3	49.7	42.3	34.0	31.3	23.9	28.5	26.7
62.5°	46.0	47.8	41.4	38.6	32.2	26.7	23.0	17.5	22.1	23.9
65°	35.9	36.8	31.3	28.5	24.8	19.3	15.6	11.0	12.9	14.7
67.5°	27.6	28.5	23.0	21.2	18.4	13.8	10.1	8.3	9.2	11.0
70°	23.0	23.0	16.6	13.8	11.0	7.4	6.4	4.6	6.4	6.4
72.5°	17.5	17.5	12.9	10.1	7.4	5.5	4.6	3.7	4.6	4.6
75°	12.0	12.9	9.2	6.4	4.6	3.7	3.7	1.8	2.8	1.8
77.5°	7.4	7.4	4.6	3.7	2.8	1.8	1.8	0.9	0.9	0.9
80°	4.6	4.6	2.8	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)