

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: P394796

Luminaire Tested: **303-P1-LEDB1-2700-UNV-T4-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394796
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-LEDB1-2700-UNV-T4-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 4
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 618.5 lumens
Efficiency: N/A
Efficacy: 75.4 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

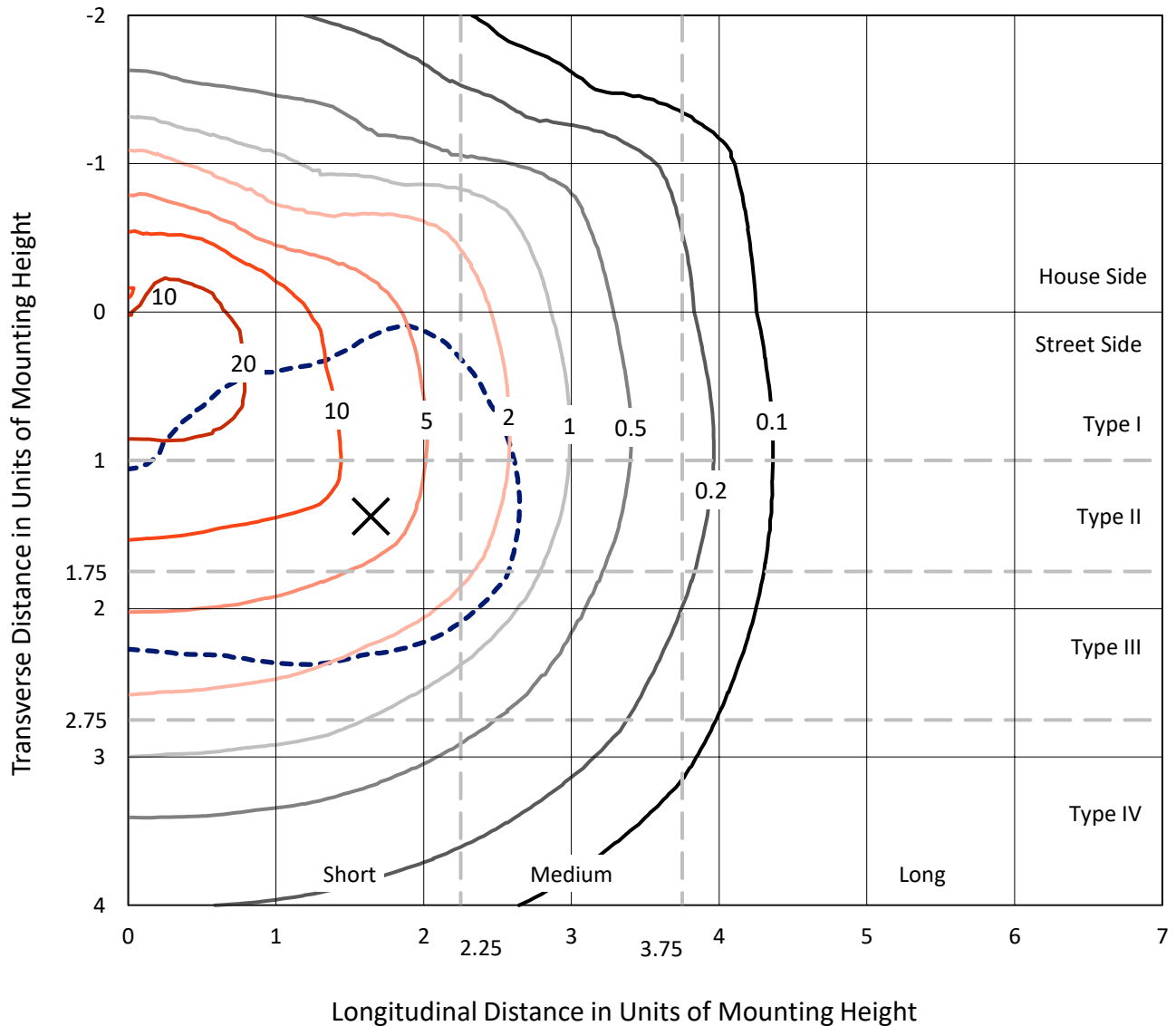
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P394796
 CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

Iso-Footcandle Lines of Horizontal Illumination

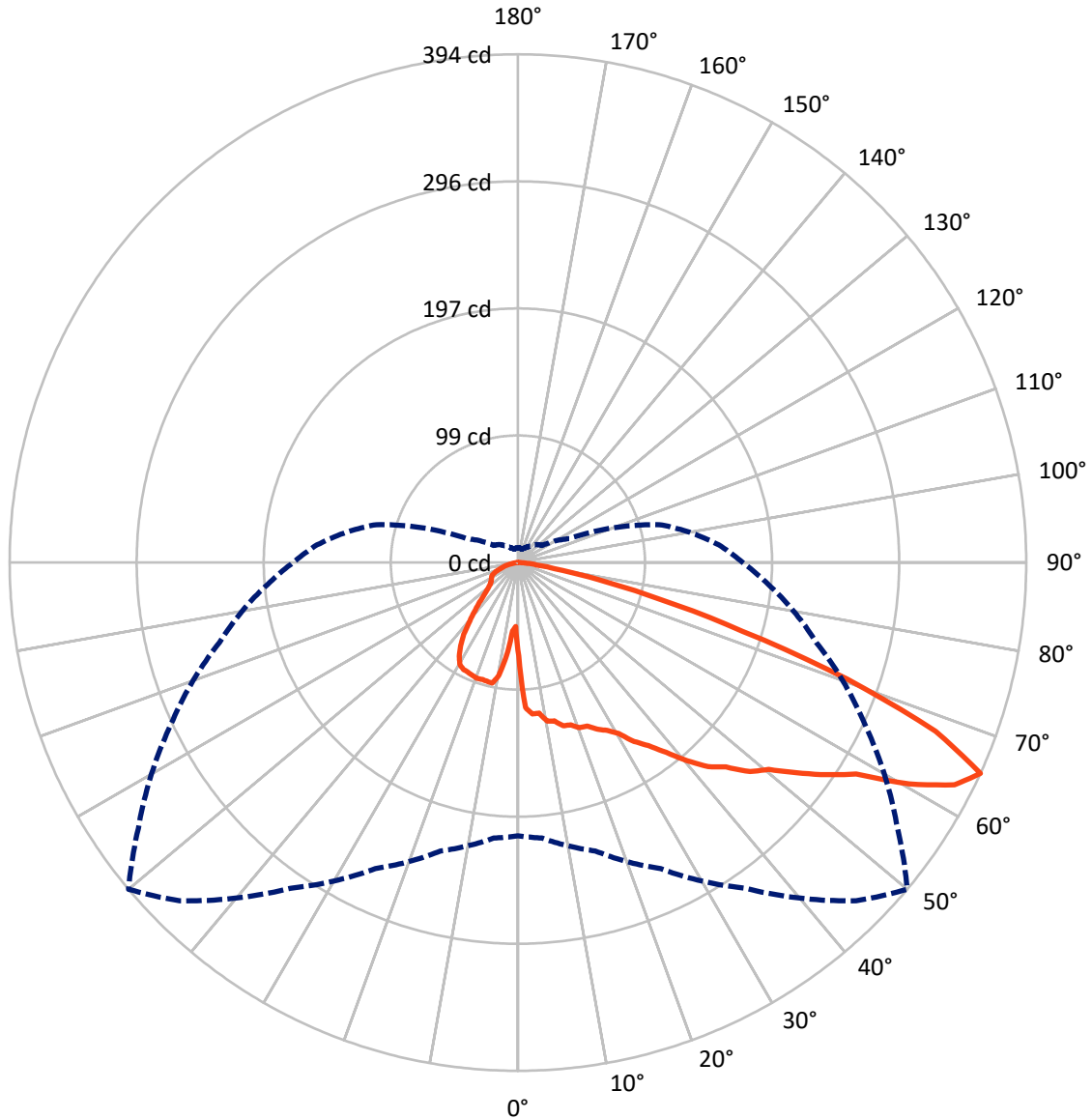
✕ Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 30.1 fc
 Type III - Short - N/A

REPORT NUMBER: P394796
CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

Luminous Intensity Polar Plot



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

REPORT NUMBER: P394796

CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

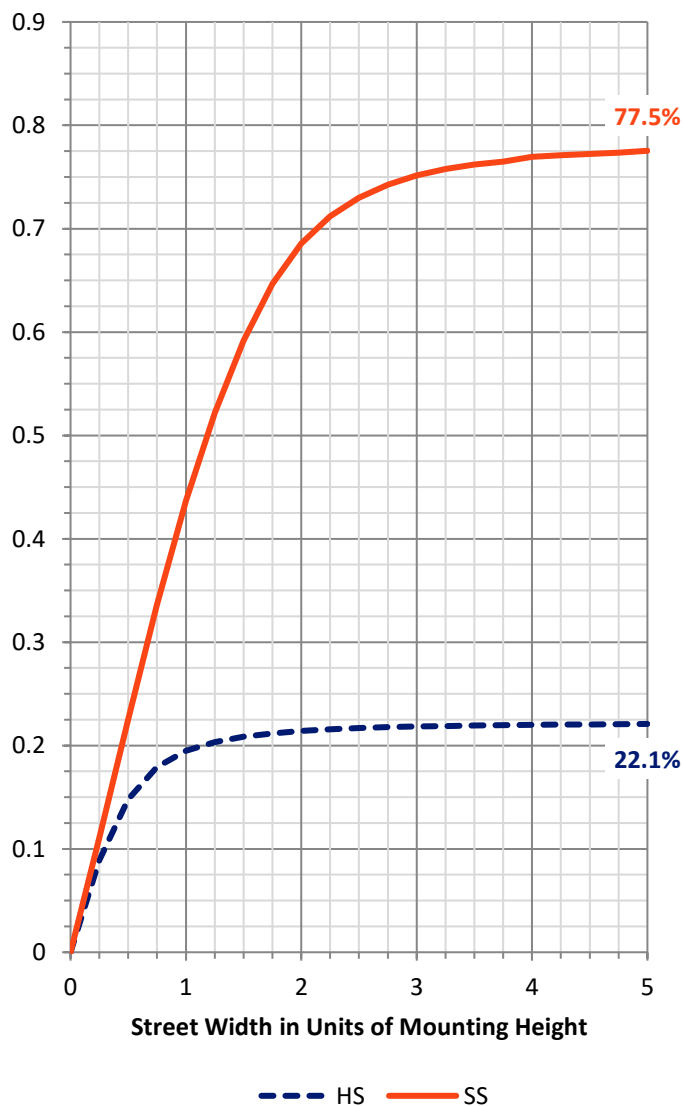
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	137.6	0.0	137.6
	% Fixture	22.2	0.0	22.2
Street Side	Lumens	481.0	0.0	481.0
	% Fixture	77.8	0.0	77.8
Total	Lumens	618.5	0.0	618.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	1.4
10°-20°	31.0	5.0
20°-30°	52.9	8.5
30°-40°	78.0	12.6
40°-50°	100.6	16.3
50°-60°	130.5	21.1
60°-70°	150.9	24.4
70°-80°	60.6	9.8
80°-90°	5.4	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°	618.5	100.0
0°-180°	618.5	100.0



REPORT NUMBER: P394796

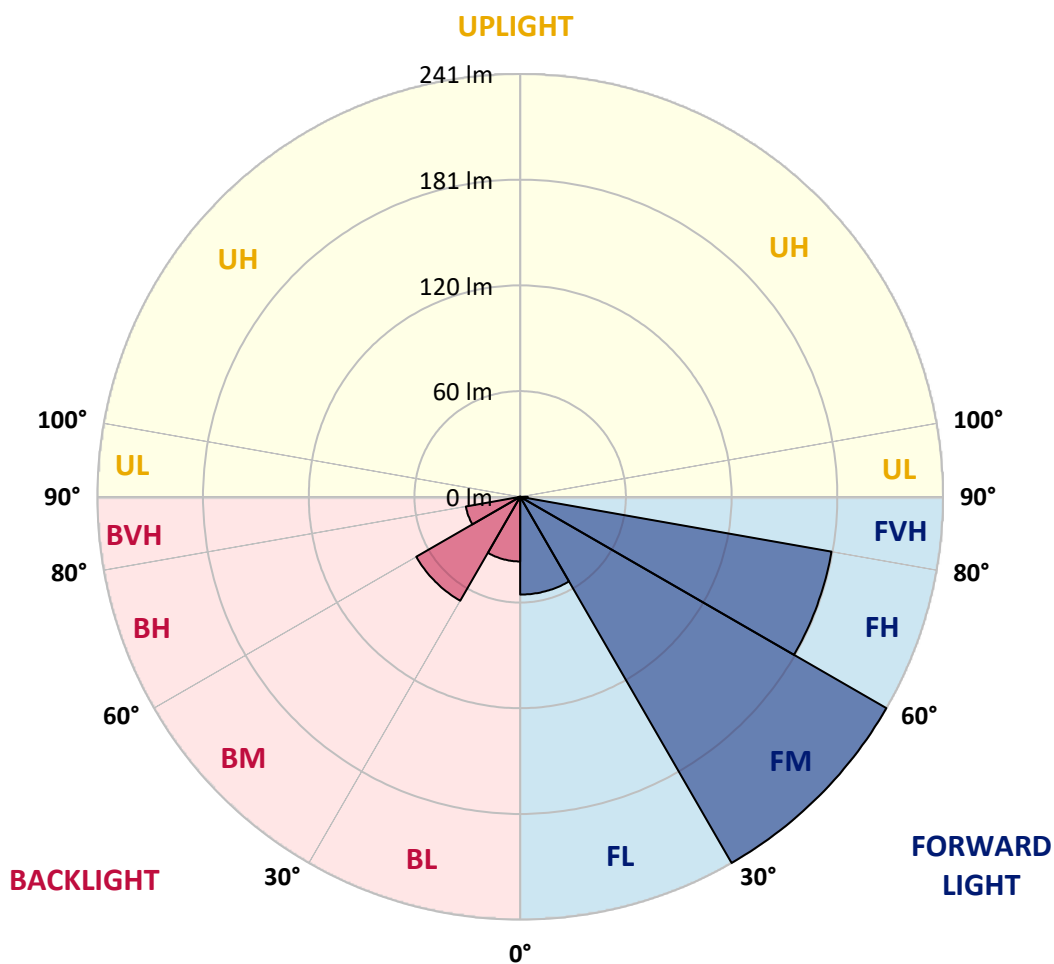
CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	55.7	9.0			
FM (30°-60°)	240.8	38.9			
FH (60°-80°)	180.1	29.1			G0/660
FVH (80°-90°)	4.3	0.7			G0/10
BL (0°-30°)	36.8	6.0	B0/110		
BM (30°-60°)	68.3	11.0	B0/220		
BH (60°-80°)	31.4	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





REPORT NUMBER: P394796

CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
2.5°	116.2	116.2	117.1	115.3	115.3	111.8	112.7	105.5	91.2	86.7	83.2
5°	116.2	117.1	118.9	116.2	115.3	117.1	118.0	118.0	116.2	105.5	101.0
7.5°	124.3	125.2	123.4	120.7	119.8	118.9	118.0	118.9	118.9	118.9	116.2
10°	130.5	131.4	129.7	126.1	124.3	123.4	125.2	123.4	119.8	119.8	121.6
12.5°	129.7	133.2	129.7	124.3	125.2	125.2	126.1	124.3	118.9	118.9	124.3
15°	130.5	129.7	129.7	125.2	127.0	125.2	131.4	125.2	118.9	118.9	122.5
17.5°	133.2	130.5	130.5	127.9	128.8	129.7	132.3	128.8	122.5	118.9	122.5
20°	136.8	136.8	135.0	132.3	130.5	129.7	136.8	131.4	125.2	120.7	121.6
22.5°	140.4	140.4	141.3	137.7	138.6	133.2	137.7	135.0	129.7	121.6	120.7
25°	144.9	144.9	144.0	143.1	144.0	138.6	143.1	137.7	135.0	127.9	126.1
27.5°	151.1	148.4	149.3	148.4	151.1	146.6	147.5	145.7	142.2	134.1	130.5
30°	154.7	152.9	155.6	155.6	157.4	152.9	153.8	152.0	147.5	143.1	136.8
32.5°	165.4	164.5	166.3	164.5	164.5	160.9	165.4	160.1	156.5	150.2	146.6
35°	171.7	171.7	172.6	176.1	178.8	174.4	174.4	170.8	166.3	160.1	152.0
37.5°	177.0	177.9	181.5	186.9	191.4	182.4	186.9	182.4	176.1	165.4	155.6
40°	181.5	180.6	187.8	197.6	200.3	202.1	202.1	195.8	183.3	168.1	158.3
42.5°	186.0	186.0	195.8	209.2	216.4	217.3	216.4	206.6	191.4	172.6	160.1
45°	191.4	192.2	199.4	211.9	225.3	228.0	226.2	217.3	199.4	177.0	162.7
47.5°	198.5	198.5	205.7	219.1	237.0	241.4	242.3	232.5	203.0	180.6	166.3
50°	206.6	206.6	212.8	228.9	246.8	254.8	252.2	245.0	215.5	186.9	170.8
52.5°	217.3	220.0	224.4	235.2	255.7	267.4	270.9	255.7	223.5	193.1	177.0
55°	230.7	235.2	235.2	245.9	267.4	284.3	290.6	273.6	237.0	201.2	183.3
57.5°	254.8	248.6	254.8	262.9	287.0	309.4	309.4	290.6	253.9	211.9	188.7
60°	252.2	253.9	262.0	281.7	311.2	348.7	348.7	325.5	278.1	229.8	199.4
62.5°	244.1	245.0	258.4	282.6	326.4	378.2	380.0	363.9	301.3	242.3	205.7
65°	211.9	214.6	231.6	262.0	308.5	371.1	394.3	359.5	296.9	239.6	194.9
67.5°	180.6	182.4	192.2	217.3	258.4	322.8	349.6	335.3	278.1	212.8	171.7
70°	158.3	152.0	162.7	184.2	203.9	251.3	270.9	271.8	222.6	175.3	137.7
72.5°	107.3	108.2	118.0	143.1	155.6	176.1	182.4	187.8	162.7	129.7	98.4
75°	68.0	69.7	76.0	87.6	102.8	113.6	113.6	106.4	96.6	82.3	61.7
77.5°	39.3	38.4	43.8	48.3	55.4	61.7	63.5	58.1	49.2	39.3	28.6
80°	20.6	21.5	23.2	25.9	29.5	28.6	28.6	28.6	22.4	17.0	11.6
82.5°	11.6	11.6	13.4	15.2	16.1	15.2	14.3	12.5	9.8	8.9	6.3
85°	5.4	5.4	5.4	6.3	7.2	7.2	7.2	6.3	5.4	4.5	2.7
87.5°	3.6	3.6	3.6	3.6	3.6	2.7	2.7	2.7	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



REPORT NUMBER: P394796

CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
2.5°	84.1	83.2	79.6	67.1	52.8	46.5	30.4	21.5	18.8	19.7	21.5
5°	99.3	96.6	84.1	73.3	58.1	48.3	36.7	25.9	12.5	8.9	12.5
7.5°	114.5	107.3	101.9	92.1	81.4	64.4	54.5	39.3	32.2	27.7	32.2
10°	121.6	121.6	117.1	107.3	93.9	83.2	76.0	73.3	66.2	44.7	50.1
12.5°	123.4	123.4	122.5	107.3	101.0	90.3	81.4	75.1	71.5	67.1	70.6
15°	120.7	121.6	121.6	108.2	100.1	90.3	80.5	75.1	75.1	69.7	75.1
17.5°	119.8	120.7	118.0	106.4	98.4	91.2	81.4	75.1	75.1	71.5	76.0
20°	118.9	118.0	118.0	102.8	98.4	92.1	78.7	71.5	72.4	73.3	73.3
22.5°	118.9	118.0	114.5	102.8	97.5	91.2	76.0	69.7	67.1	71.5	69.7
25°	120.7	118.0	114.5	104.6	97.5	89.4	74.2	68.0	65.3	68.0	64.4
27.5°	124.3	122.5	119.8	107.3	97.5	88.5	73.3	64.4	59.9	62.6	60.8
30°	130.5	127.0	121.6	107.3	96.6	85.8	68.9	61.7	57.2	59.0	56.3
32.5°	135.9	132.3	126.1	106.4	92.1	79.6	65.3	57.2	52.8	55.4	47.4
35°	141.3	135.0	124.3	100.1	84.1	72.4	57.2	51.0	47.4	50.1	44.7
37.5°	145.7	138.6	121.6	93.0	76.0	63.5	48.3	44.7	42.9	44.7	42.0
40°	147.5	138.6	118.0	84.9	64.4	52.8	42.0	38.4	37.6	40.2	39.3
42.5°	146.6	137.7	112.7	75.1	54.5	43.8	34.9	33.1	33.1	34.9	34.9
45°	149.3	139.5	105.5	67.1	45.6	36.7	30.4	27.7	27.7	30.4	30.4
47.5°	153.8	138.6	101.9	59.9	37.6	31.3	25.9	24.1	24.1	25.9	25.0
50°	156.5	143.1	100.1	53.6	33.1	26.8	22.4	20.6	19.7	21.5	21.5
52.5°	160.1	144.9	100.1	49.2	29.5	25.0	20.6	17.9	17.0	17.9	17.9
55°	169.9	152.0	100.1	47.4	27.7	23.2	18.8	16.1	15.2	15.2	15.2
57.5°	173.5	154.7	103.7	46.5	26.8	22.4	17.9	15.2	13.4	14.3	14.3
60°	182.4	162.7	110.0	47.4	25.9	21.5	17.0	14.3	12.5	13.4	13.4
62.5°	187.8	164.5	114.5	47.4	25.0	21.5	16.1	13.4	11.6	12.5	12.5
65°	174.4	156.5	113.6	43.8	23.2	19.7	15.2	12.5	10.7	11.6	11.6
67.5°	152.9	135.9	103.7	37.6	21.5	17.0	13.4	11.6	9.8	9.8	10.7
70°	120.7	110.0	86.7	30.4	17.9	14.3	11.6	9.8	8.9	8.0	8.9
72.5°	88.5	80.5	68.0	23.2	14.3	11.6	9.8	8.9	7.2	7.2	8.0
75°	53.6	51.9	46.5	17.0	11.6	9.8	8.0	7.2	6.3	5.4	6.3
77.5°	25.0	24.1	25.9	11.6	8.9	7.2	5.4	4.5	3.6	3.6	4.5
80°	9.8	9.8	11.6	7.2	5.4	4.5	3.6	3.6	2.7	2.7	2.7
82.5°	5.4	5.4	5.4	4.5	3.6	2.7	1.8	1.8	0.9	0.9	0.9
85°	2.7	2.7	2.7	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)