

Scaled data based on original data using  
LM-66-11 Electrical and Photometric Measurements of Single-Ended Compact  
Fluorescent Lamps

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: SHAPER

Report Number: 18374

Luminaire Tested: **995-PT-CF2/32**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-66-11  
Report Number: 18374  
Test Lab:  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: SHAPER  
Catalog Number: 995-PT-CF2/32  
Description: POST TOP LUMINAIRE WITH WHITE INTERIOR AND FLAT RIBBED GLASS LENS  
  
Light Source: TWO SYLVANIA 32 WATT CPFL LAMPS  
  
CF32DT/E/841. LUMEN RATING = 4800 LMS.  
  
Ballast/Driver: -

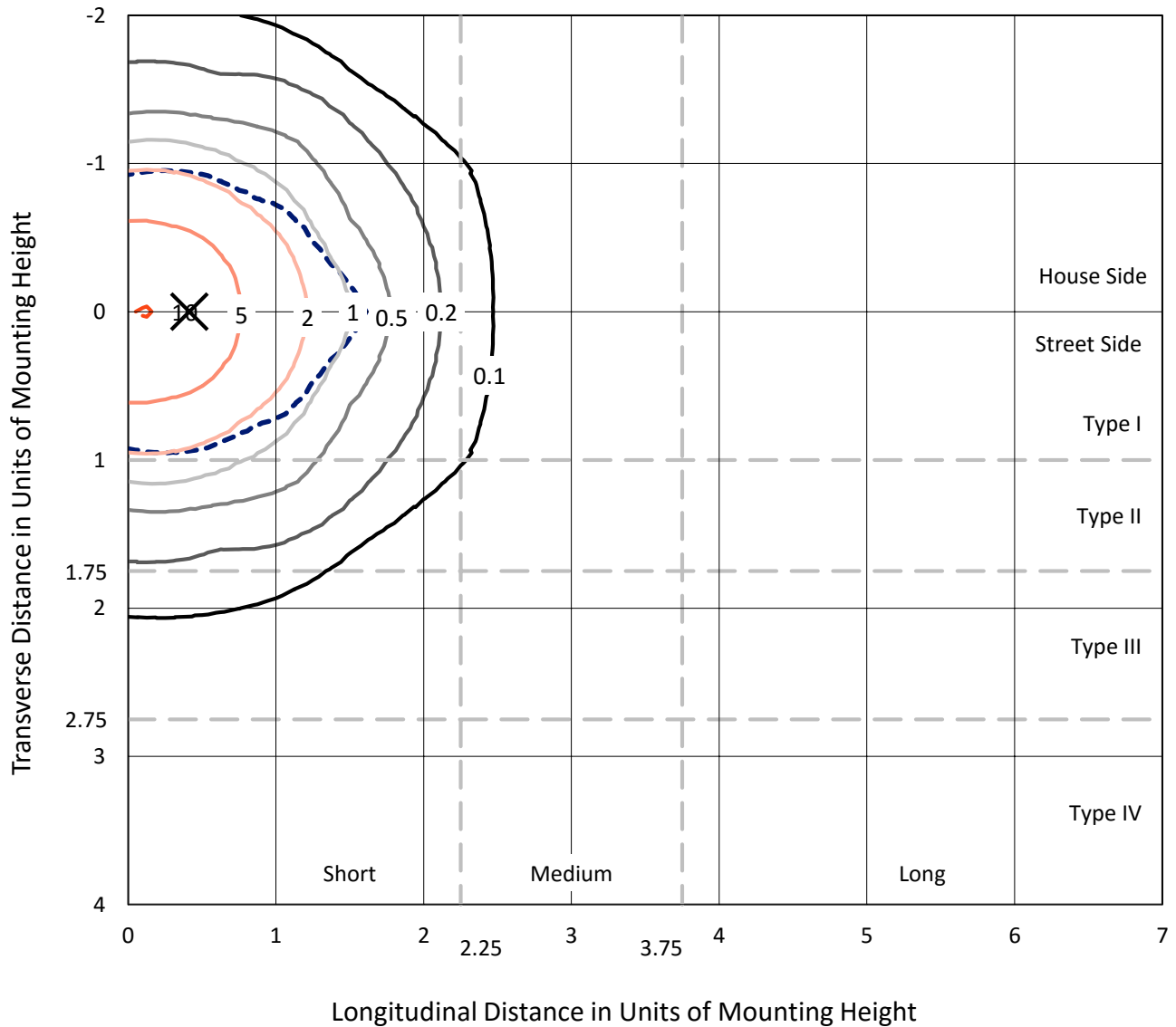
**Summary**

Lumens per Lamp: 4800 (1 lamp)  
Luminaire Lumens: 1714.4 lumens  
Efficiency: 35.7%  
Efficacy: 28.1 lumens/watt  
Luminous Opening: Rectangular (W 0.58' x L: 1.17' x H: 0')  
IES Classification: Type I - Short - Cutoff  
BUG Rating: B1 - U0 - G0  
  
Input Watts (W): 61  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

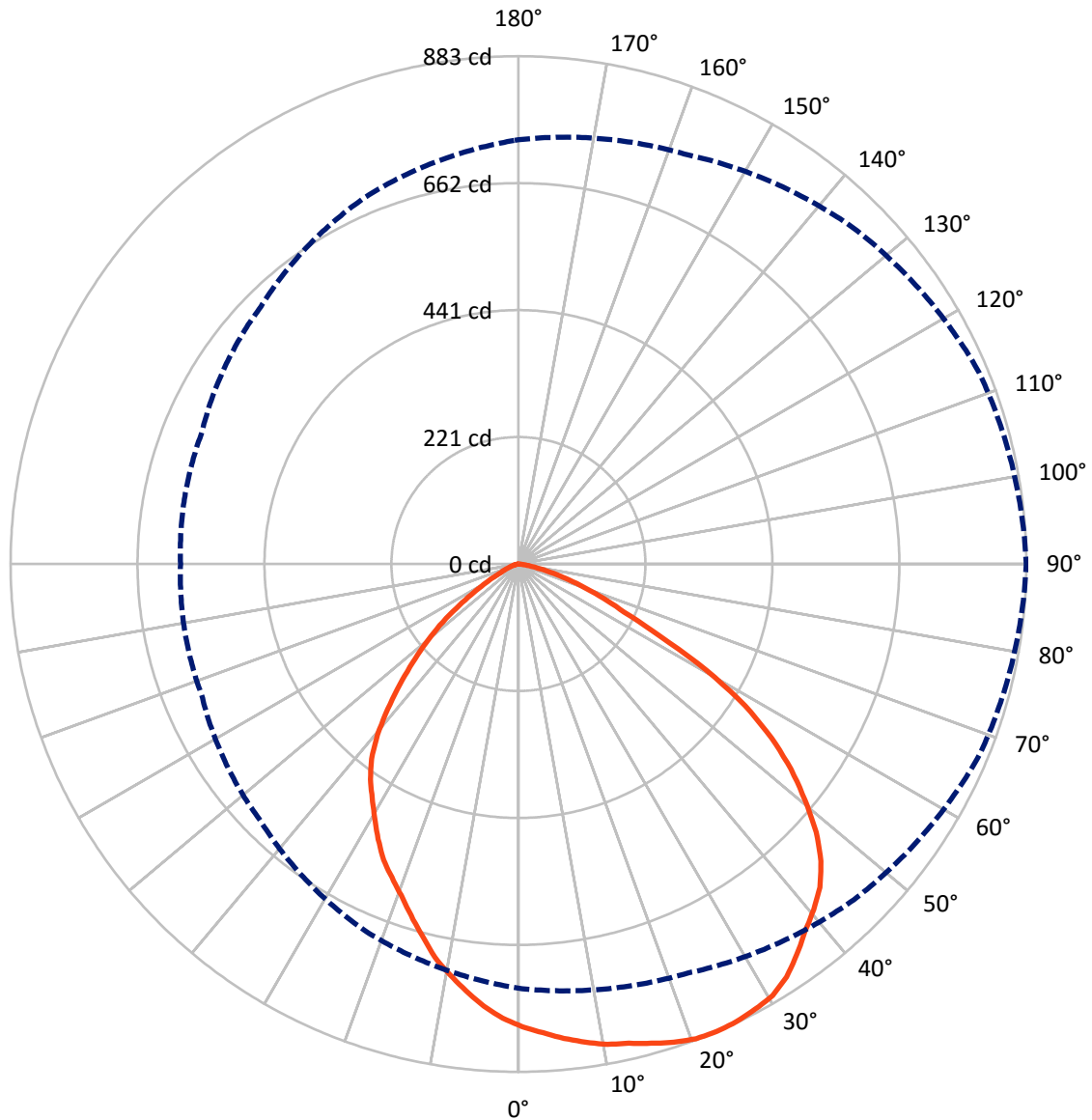
✕ Max cd  
 - - - 1/2 Max cd



Based on 9 foot mounting height. Maximum calculated value = 10.1 fc  
 Type I - Short - Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral    - - - Horizontal Cone Through 22.5-Deg Vertical

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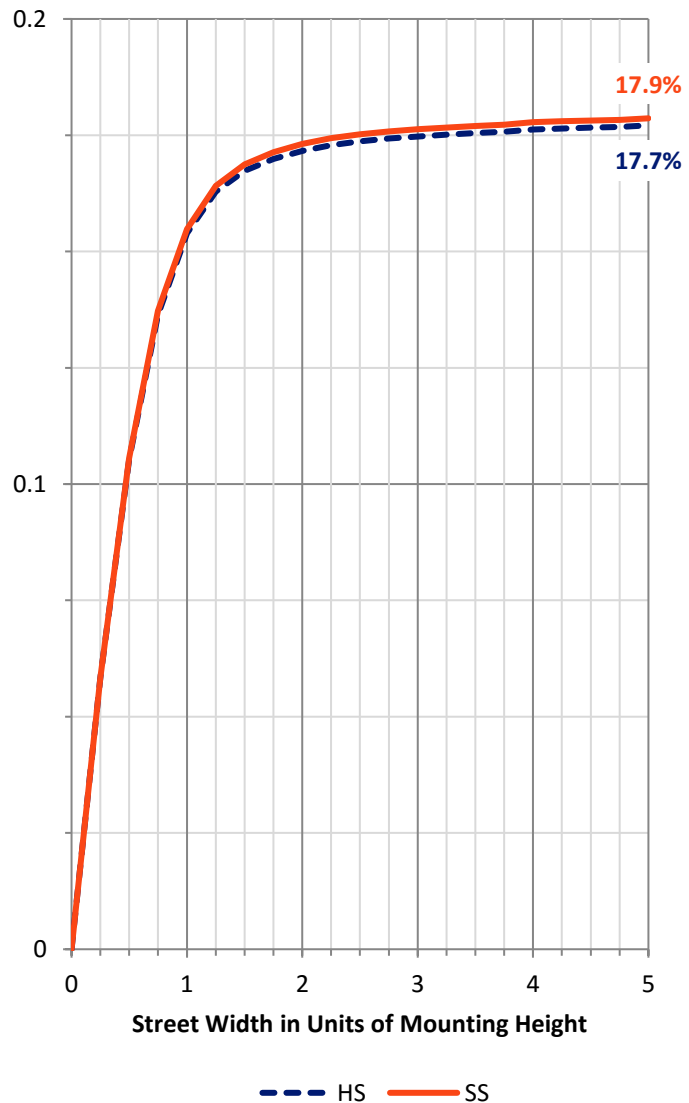
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	857.2	0.0	857.2
	% Lamp	17.9	0.0	17.9
<b>Street Side</b>	Lumens	857.2	0.0	857.2
	% Lamp	17.9	0.0	17.9
<b>Total</b>	Lumens	1714.4	0.0	1714.4
	% Lamp	35.7	0.0	35.7

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	76.0	4.4	1.6
10°-20°	217.2	12.7	4.5
20°-30°	329.4	19.2	6.9
30°-40°	385.1	22.5	8.0
40°-50°	338.2	19.7	7.0
50°-60°	204.8	11.9	4.3
60°-70°	101.0	5.9	2.1
70°-80°	50.0	2.9	1.0
80°-90°	12.8	0.7	0.3
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	1714.4	100.0	35.7
0°-180°	1714.4	100.0	35.7

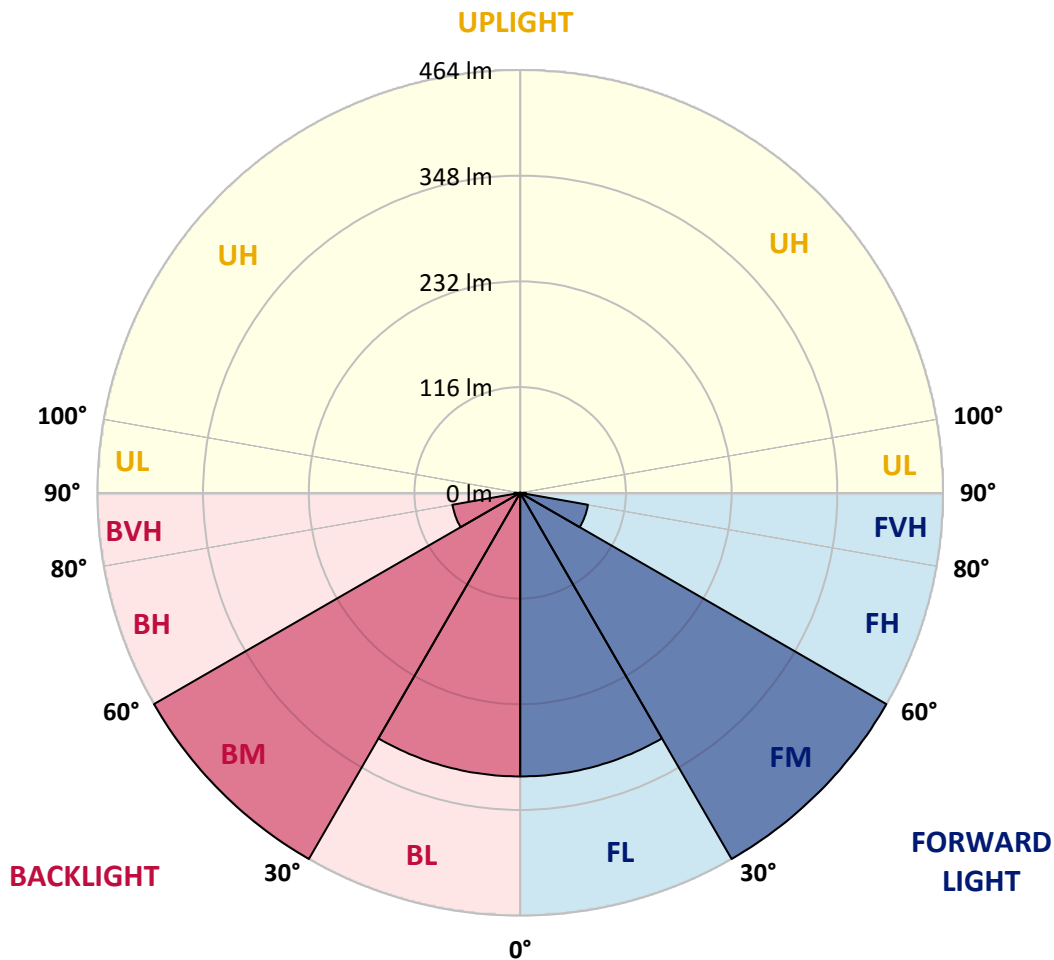


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	311.3	6.5			
FM (30°-60°)	464.1	9.7			
FH (60°-80°)	75.5	1.6			G0/660
FVH (80°-90°)	6.4	0.1			G0/10
BL (0°-30°)	311.3	6.5	B1/500		
BM (30°-60°)	464.1	9.7	B1/1000		
BH (60°-80°)	75.5	1.6	B0/110		G0/110
BVH (80°-90°)	6.4	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	3085.6	64.3			

**BUG Rating: B1-U0-G0**  
 Type I Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	804.3	804.3	804.3	804.3	804.3	804.3	804.3	804.3	804.3	804.3	804.3
2.5°	803.5	807.2	812.1	816.4	816.0	816.4	812.1	807.2	803.5	800.1	794.8
5°	800.4	807.4	818.2	826.6	828.5	826.6	818.2	807.4	800.4	793.7	781.8
7.5°	796.0	806.3	822.3	835.5	839.5	835.5	822.3	806.3	796.0	785.1	767.0
10°	789.9	803.4	825.5	843.8	849.3	843.8	825.5	803.4	789.9	774.5	748.1
12.5°	783.7	800.1	827.6	846.8	855.1	846.8	827.6	800.1	783.7	763.5	728.5
15°	775.5	795.0	826.3	851.4	864.6	851.4	826.3	795.0	775.5	749.2	708.3
17.5°	766.3	789.4	825.0	858.1	874.3	858.1	825.0	789.4	766.3	733.6	687.0
20°	752.8	781.6	824.7	864.6	881.1	864.6	824.7	781.6	752.8	712.8	659.7
22.5°	737.5	769.7	825.2	867.6	882.9	867.6	825.2	769.7	737.5	691.5	633.1
25°	719.4	753.5	821.2	866.1	881.1	866.1	821.2	753.5	719.4	667.5	605.3
27.5°	697.1	730.4	811.7	860.0	876.7	860.0	811.7	730.4	697.1	640.8	576.7
30°	672.0	705.5	797.5	850.8	870.6	850.8	797.5	705.5	672.0	611.8	549.5
32.5°	641.7	676.7	775.9	837.9	856.0	837.9	775.9	676.7	641.7	577.8	517.4
35°	607.3	645.7	750.6	817.5	833.6	817.5	750.6	645.7	607.3	541.5	484.1
37.5°	562.5	607.7	715.8	790.7	809.8	790.7	715.8	607.7	562.5	497.5	449.8
40°	512.5	567.3	677.0	764.4	790.2	764.4	677.0	567.3	512.5	448.9	411.2
42.5°	450.6	524.5	633.1	731.7	768.7	731.7	633.1	524.5	450.6	395.8	358.4
45°	376.6	451.7	568.1	693.7	737.3	693.7	568.1	451.7	376.6	336.0	298.8
47.5°	317.7	387.2	460.3	644.1	696.7	644.1	460.3	387.2	317.7	285.3	234.1
50°	252.1	330.2	379.7	571.8	645.7	571.8	379.7	330.2	252.1	229.6	195.0
52.5°	195.5	260.6	364.8	457.3	593.5	457.3	364.8	260.6	195.5	183.8	184.0
55°	150.9	198.6	337.7	356.2	534.2	356.2	337.7	198.6	150.9	139.5	154.9
57.5°	126.6	152.2	296.9	300.7	464.6	300.7	296.9	152.2	126.6	106.4	130.7
60°	118.8	124.7	238.7	250.9	377.0	250.9	238.7	124.7	118.8	86.9	98.3
62.5°	109.8	114.2	176.5	213.7	274.6	213.7	176.5	114.2	109.8	81.3	73.8
65°	88.3	108.3	128.2	182.4	201.8	182.4	128.2	108.3	88.3	73.5	49.7
67.5°	64.5	97.5	90.5	166.0	159.5	166.0	90.5	97.5	64.5	61.3	34.2
70°	44.8	75.4	75.9	146.8	120.4	146.8	75.9	75.4	44.8	46.5	26.9
72.5°	46.9	49.5	77.3	124.1	86.2	124.1	77.3	49.5	46.9	30.1	25.6
75°	60.4	50.1	85.1	99.1	56.8	99.1	85.1	50.1	60.4	30.6	24.2
77.5°	42.5	63.0	66.7	65.2	34.4	65.2	66.7	63.0	42.5	36.3	22.2
80°	27.7	45.8	47.9	45.8	19.6	45.8	47.9	45.8	27.7	26.1	12.9
82.5°	26.1	28.8	33.6	29.3	10.4	29.3	33.6	28.8	26.1	13.6	7.2
85°	16.2	20.7	24.7	13.4	4.8	13.4	24.7	20.7	16.2	6.4	3.5
87.5°	3.7	5.4	5.4	4.5	1.3	4.5	5.4	5.4	3.7	1.3	1.1
90°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	804.3	804.3	804.3	804.3	804.3	804.3
2.5°	790.7	790.0	790.7	794.8	800.1	803.5
5°	773.5	770.8	773.5	781.8	793.7	800.4
7.5°	752.8	747.6	752.8	767.0	785.1	796.0
10°	730.1	723.4	730.1	748.1	774.5	789.9
12.5°	707.7	699.1	707.7	728.5	763.5	783.7
15°	679.9	667.5	679.9	708.3	749.2	775.5
17.5°	650.3	638.7	650.3	687.0	733.6	766.3
20°	621.2	610.9	621.2	659.7	712.8	752.8
22.5°	595.9	587.3	595.9	633.1	691.5	737.5
25°	573.3	565.4	573.3	605.3	667.5	719.4
27.5°	549.2	536.8	549.2	576.7	640.8	697.1
30°	521.5	506.9	521.5	549.5	611.8	672.0
32.5°	491.8	479.4	491.8	517.4	577.8	641.7
35°	465.4	454.1	465.4	484.1	541.5	607.3
37.5°	432.3	424.2	432.3	449.8	497.5	562.5
40°	394.7	385.1	394.7	411.2	448.9	512.5
42.5°	350.9	339.5	350.9	358.4	395.8	450.6
45°	302.7	294.3	302.7	298.8	336.0	376.6
47.5°	253.3	251.4	253.3	234.1	285.3	317.7
50°	199.3	212.0	199.3	195.0	229.6	252.1
52.5°	154.6	173.8	154.6	184.0	183.8	195.5
55°	116.9	132.3	116.9	154.9	139.5	150.9
57.5°	91.8	98.0	91.8	130.7	106.4	126.6
60°	70.8	69.7	70.8	98.3	86.9	118.8
62.5°	54.2	47.6	54.2	73.8	81.3	109.8
65°	41.5	33.1	41.5	49.7	73.5	88.3
67.5°	31.4	25.2	31.4	34.2	61.3	64.5
70°	25.2	19.0	25.2	26.9	46.5	44.8
72.5°	19.4	14.0	19.4	25.6	30.1	46.9
75°	15.1	9.7	15.1	24.2	30.6	60.4
77.5°	10.4	6.4	10.4	22.2	36.3	42.5
80°	6.7	3.9	6.7	12.9	26.1	27.7
82.5°	3.7	2.4	3.7	7.2	13.6	26.1
85°	1.5	1.3	1.5	3.5	6.4	16.2
87.5°	0.7	0.5	0.7	1.1	1.3	3.7
90°	0.5	0.5	0.5	0.5	0.5	0.5

(END OF REPORT)