

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: McGRAW-EDISON

Report Number: P92750

Luminaire Tested: **LRC-B32-3-LED-E1-WST**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P92750  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22279)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: LRC-B32-3-LED-E1-WST  
Description: LRC CANOPY LUMINAIRE  
Light Source: -  
Ballast/Driver: -

**Summary**

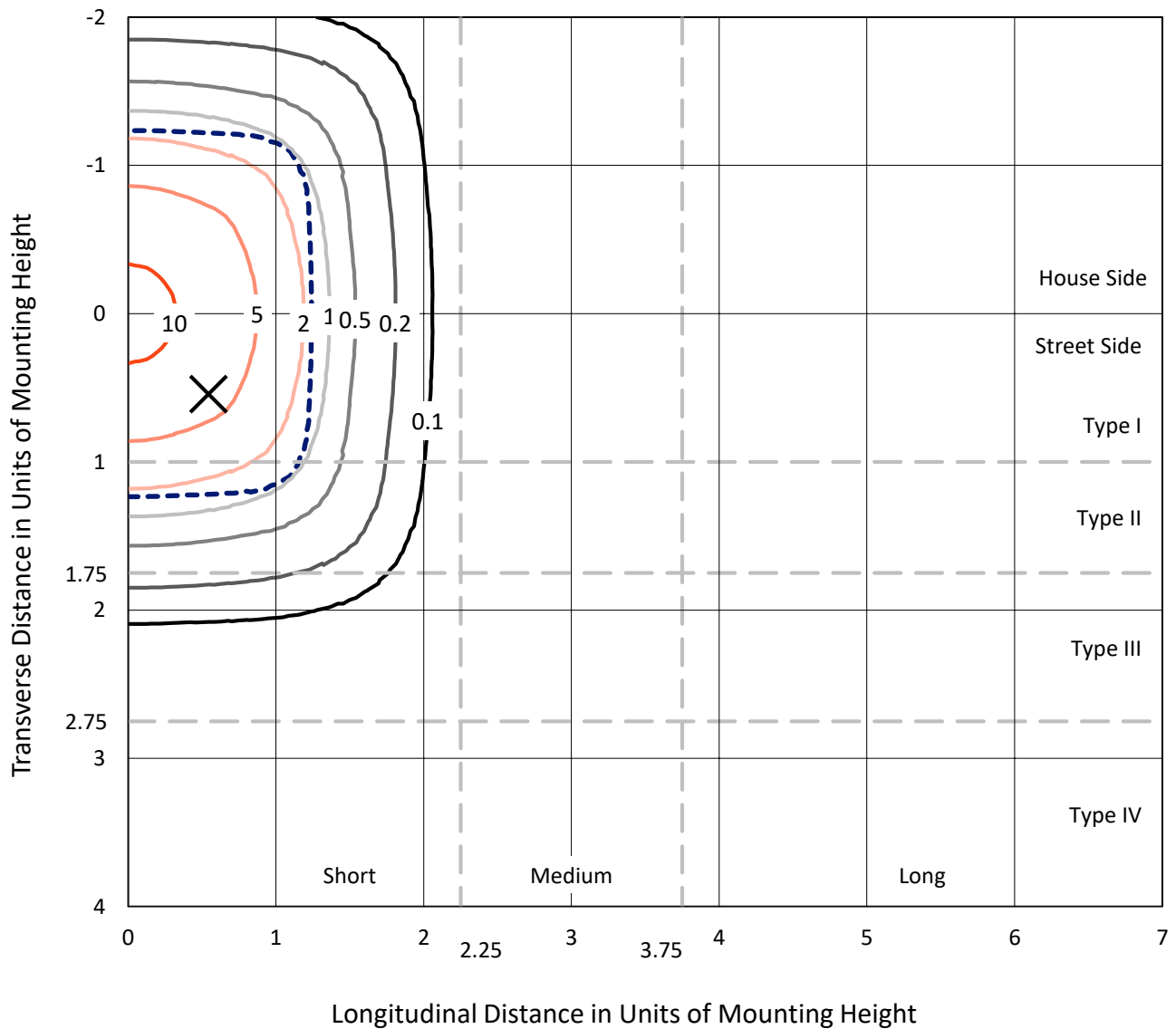
Lumens per Lamp: N/A  
Luminaire Lumens: 3367.1 lumens  
Efficiency: N/A  
Efficacy: 95.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.9' x L: 0.9' x H: 0.1')  
IES Classification: Type V - Short - Full Cutoff  
BUG Rating: B2 - U0 - G0  
  
Input Watts (W): 35.4  
Input Voltage (V): NR  
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: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

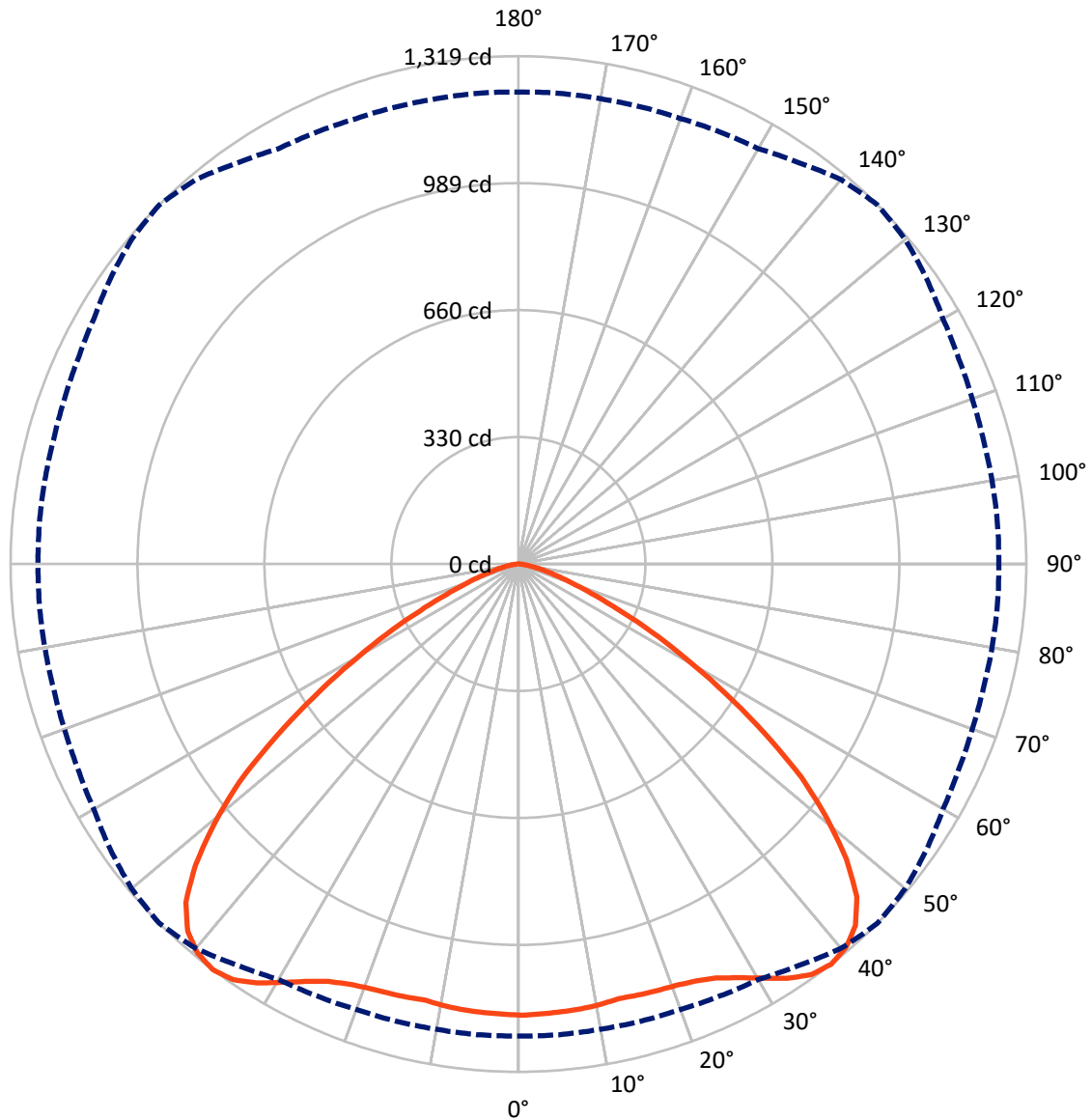
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.7 fc  
 Type V - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 37.5-Deg Vertical

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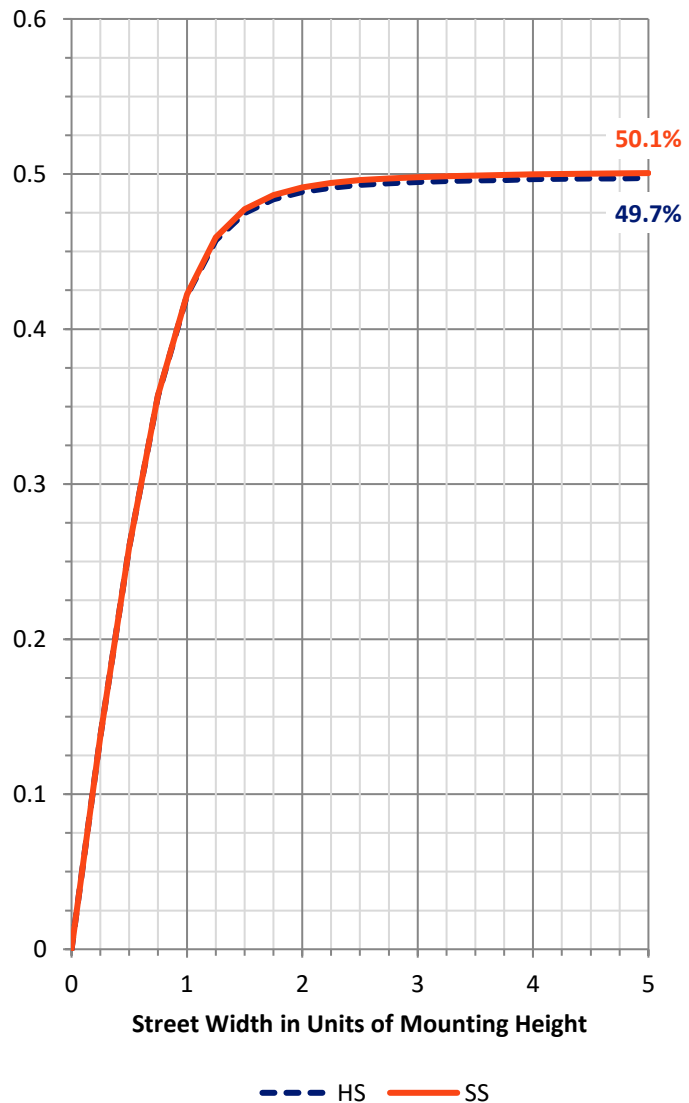
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1683.5	0.0	1683.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1683.5	0.0	1683.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3367.1	0.0	3367.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	111.3	3.3
10°-20°	329.8	9.8
20°-30°	560.7	16.7
30°-40°	790.5	23.5
40°-50°	826.0	24.5
50°-60°	507.3	15.1
60°-70°	182.0	5.4
70°-80°	51.4	1.5
80°-90°	8.2	0.2
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°	3367.1	100.0
0°-180°	3367.1	100.0



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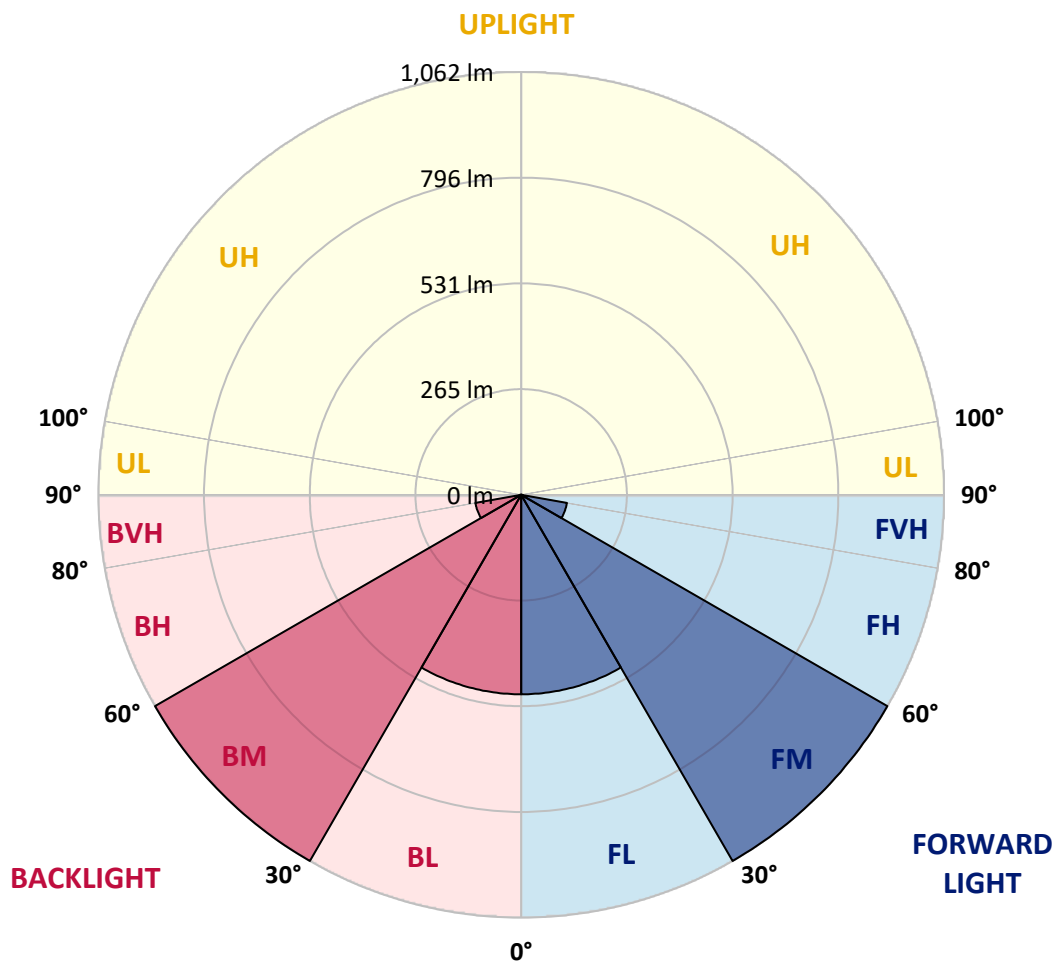
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	500.9	14.9			
FM	(30°-60°)	1061.9	31.5			
FH	(60°-80°)	116.7	3.5			G0/660
FVH	(80°-90°)	4.1	0.1			G0/10
BL	(0°-30°)	500.9	14.9	B2/1000		
BM	(30°-60°)	1061.9	31.5	B2/2500		
BH	(60°-80°)	116.7	3.5	B1/500		G0/660
BVH	(80°-90°)	4.1	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G0**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2
2.5°	1172.2	1170.1	1170.5	1169.3	1170.1	1169.3	1169.7	1169.7	1168.5	1169.7	1170.9
5°	1171.8	1169.3	1168.5	1167.7	1168.9	1169.3	1169.3	1168.9	1168.1	1168.5	1168.1
7.5°	1166.5	1164.5	1163.6	1163.6	1164.5	1165.2	1166.1	1166.5	1166.1	1166.9	1164.9
10°	1163.6	1161.2	1160.4	1159.6	1160.0	1159.2	1160.8	1163.2	1162.0	1163.6	1162.8
12.5°	1162.0	1159.6	1158.8	1159.6	1158.8	1159.2	1158.4	1158.4	1157.6	1158.4	1159.2
15°	1164.5	1162.4	1162.4	1162.0	1161.6	1164.5	1161.6	1161.2	1161.6	1162.0	1159.6
17.5°	1169.7	1169.3	1170.1	1169.3	1168.9	1170.5	1166.9	1166.9	1164.5	1164.9	1162.4
20°	1178.2	1176.6	1179.0	1178.2	1177.8	1176.6	1175.4	1171.3	1168.1	1168.5	1166.5
22.5°	1197.3	1196.0	1193.6	1192.8	1190.4	1187.1	1184.7	1181.5	1177.4	1176.6	1176.6
25°	1225.2	1224.0	1221.2	1218.3	1212.7	1206.2	1201.7	1197.7	1190.4	1191.2	1192.0
27.5°	1253.2	1252.0	1250.7	1245.9	1240.2	1236.2	1226.5	1219.9	1213.9	1216.7	1215.9
30°	1264.1	1264.9	1260.9	1261.3	1257.6	1255.2	1249.5	1248.7	1244.3	1248.3	1248.7
32.5°	1267.8	1268.2	1264.5	1263.7	1259.7	1259.7	1262.1	1267.4	1275.1	1283.1	1282.4
35°	1254.4	1256.0	1254.0	1254.4	1252.4	1254.4	1260.1	1274.2	1299.8	1309.9	1304.7
37.5°	1226.0	1227.2	1227.2	1229.3	1231.3	1238.2	1245.9	1272.2	1303.4	1319.2	1311.5
40°	1174.6	1174.6	1175.8	1179.8	1188.4	1201.3	1219.9	1255.6	1288.8	1309.9	1307.5
42.5°	1094.0	1095.2	1100.4	1109.3	1124.8	1143.4	1169.3	1214.7	1252.8	1283.6	1275.1
45°	989.4	993.5	1000.4	1012.9	1033.6	1059.9	1095.6	1146.6	1200.5	1232.5	1213.5
47.5°	862.2	867.1	879.2	897.0	924.2	958.2	1002.4	1061.9	1120.3	1146.6	1127.2
50°	718.0	722.0	738.6	761.3	794.5	836.7	888.9	955.0	1013.3	1038.9	1017.4
52.5°	562.8	568.0	585.9	612.6	651.5	702.1	760.5	831.0	885.3	920.1	901.9
55°	417.3	425.0	440.4	470.0	508.1	559.5	619.9	692.8	745.1	775.1	754.8
57.5°	306.7	312.0	324.9	348.9	382.5	429.5	489.8	557.1	611.4	632.9	614.2
60°	224.1	227.7	237.8	256.1	282.8	322.5	374.8	436.4	483.4	500.4	479.3
62.5°	160.8	163.7	171.0	185.2	206.6	238.7	279.1	328.6	372.8	387.7	359.0
65°	113.5	115.1	120.3	131.7	149.5	174.2	205.4	241.5	274.3	284.0	261.3
67.5°	79.8	80.6	85.1	92.8	106.5	125.6	149.1	174.6	198.5	204.6	189.2
70°	55.9	56.3	59.6	65.2	75.8	89.9	107.0	126.8	142.2	146.2	136.1
72.5°	38.5	38.9	40.9	45.4	53.1	63.6	77.0	89.9	100.9	103.7	98.1
75°	26.3	26.7	28.0	31.2	36.5	44.2	53.5	63.2	69.7	70.9	68.5
77.5°	17.8	18.2	19.1	21.1	24.3	30.0	36.9	42.6	46.6	47.4	46.6
80°	11.8	11.8	12.1	13.8	15.8	19.4	23.5	27.1	30.0	31.2	30.0
82.5°	7.3	7.3	7.3	8.1	9.3	11.4	13.0	15.8	17.8	18.6	17.8
85°	3.6	4.1	4.1	4.5	4.8	5.7	6.5	7.7	8.5	8.9	8.5
87.5°	1.6	1.6	1.6	1.6	2.0	2.0	2.4	2.4	2.8	2.8	2.8
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):**

	55°	60°	65°	70°	75°	80°	85°	90°
0°	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2	1172.2
2.5°	1170.5	1170.5	1171.3	1170.1	1170.1	1168.9	1171.3	1170.9
5°	1168.5	1168.1	1168.1	1167.7	1167.3	1166.5	1168.1	1167.3
7.5°	1165.2	1165.7	1165.2	1164.9	1164.5	1163.2	1164.9	1164.9
10°	1161.6	1159.6	1158.0	1159.2	1159.2	1159.2	1158.8	1158.4
12.5°	1159.2	1158.0	1156.3	1157.2	1155.6	1155.1	1156.3	1155.1
15°	1159.2	1157.2	1156.8	1155.9	1156.3	1158.0	1160.0	1157.6
17.5°	1161.6	1161.2	1162.8	1163.6	1163.6	1164.5	1166.5	1166.1
20°	1167.3	1166.5	1167.3	1168.9	1171.3	1170.9	1173.4	1174.2
22.5°	1177.8	1175.8	1176.6	1183.1	1186.8	1187.5	1190.8	1191.6
25°	1195.3	1196.0	1198.9	1206.6	1210.6	1214.7	1218.3	1219.5
27.5°	1219.5	1220.8	1224.8	1230.1	1235.4	1237.4	1239.8	1241.4
30°	1249.1	1248.3	1247.9	1245.1	1248.7	1249.1	1252.8	1254.8
32.5°	1274.2	1262.9	1256.4	1251.6	1255.2	1260.5	1262.1	1263.7
35°	1285.6	1270.2	1262.9	1263.7	1265.3	1266.6	1266.9	1271.0
37.5°	1293.7	1273.5	1262.1	1254.8	1250.0	1249.1	1248.7	1247.9
40°	1282.8	1254.4	1231.7	1218.3	1211.9	1206.6	1203.7	1203.0
42.5°	1241.4	1201.3	1177.4	1162.4	1150.3	1139.7	1134.9	1134.1
45°	1172.2	1133.3	1106.5	1080.2	1057.9	1044.1	1035.2	1031.1
47.5°	1082.6	1044.5	1003.2	964.7	934.3	911.2	898.2	891.4
50°	978.1	925.4	871.1	822.9	785.2	757.7	742.7	735.0
52.5°	852.5	787.6	720.4	666.1	620.3	586.3	566.8	561.6
55°	707.8	635.7	559.5	498.4	450.1	417.3	398.3	392.6
57.5°	554.3	478.9	408.8	353.7	315.2	291.3	278.8	273.1
60°	416.5	348.9	293.7	252.8	226.1	209.9	200.6	197.7
62.5°	307.1	254.0	212.7	184.7	164.5	152.8	145.9	143.0
65°	224.1	185.6	155.2	134.9	120.8	111.4	106.5	104.1
67.5°	162.1	136.1	114.3	99.3	88.3	81.4	78.2	76.6
70°	119.9	100.1	83.9	72.5	64.8	59.6	57.1	56.3
72.5°	86.7	72.9	61.6	53.1	47.4	43.8	41.7	41.7
75°	61.6	53.1	44.2	38.1	33.6	31.2	30.0	30.0
77.5°	42.6	37.3	31.2	26.7	23.5	21.9	21.1	20.7
80°	27.1	24.3	20.7	17.8	15.8	14.6	14.2	13.8
82.5°	15.8	13.8	12.1	10.5	9.3	8.9	8.5	8.5
85°	7.7	6.9	6.1	5.7	4.8	4.8	4.5	4.5
87.5°	2.8	2.4	2.0	2.0	2.0	2.0	2.0	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)