

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: LUMARK

Report Number: P510897

Luminaire Tested: **PRV-P-C10-D-UNV-T3-7030-HSS**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-170-5)
Test Lab: INNOVATION CENTER
Issue Date: 4/7/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: PRV-P-C10-D-UNV-T3-7030-HSS
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 600mA LED AND TYPE III OPTIC WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4326 lumens
Efficiency: N/A
Efficacy: 125.0 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

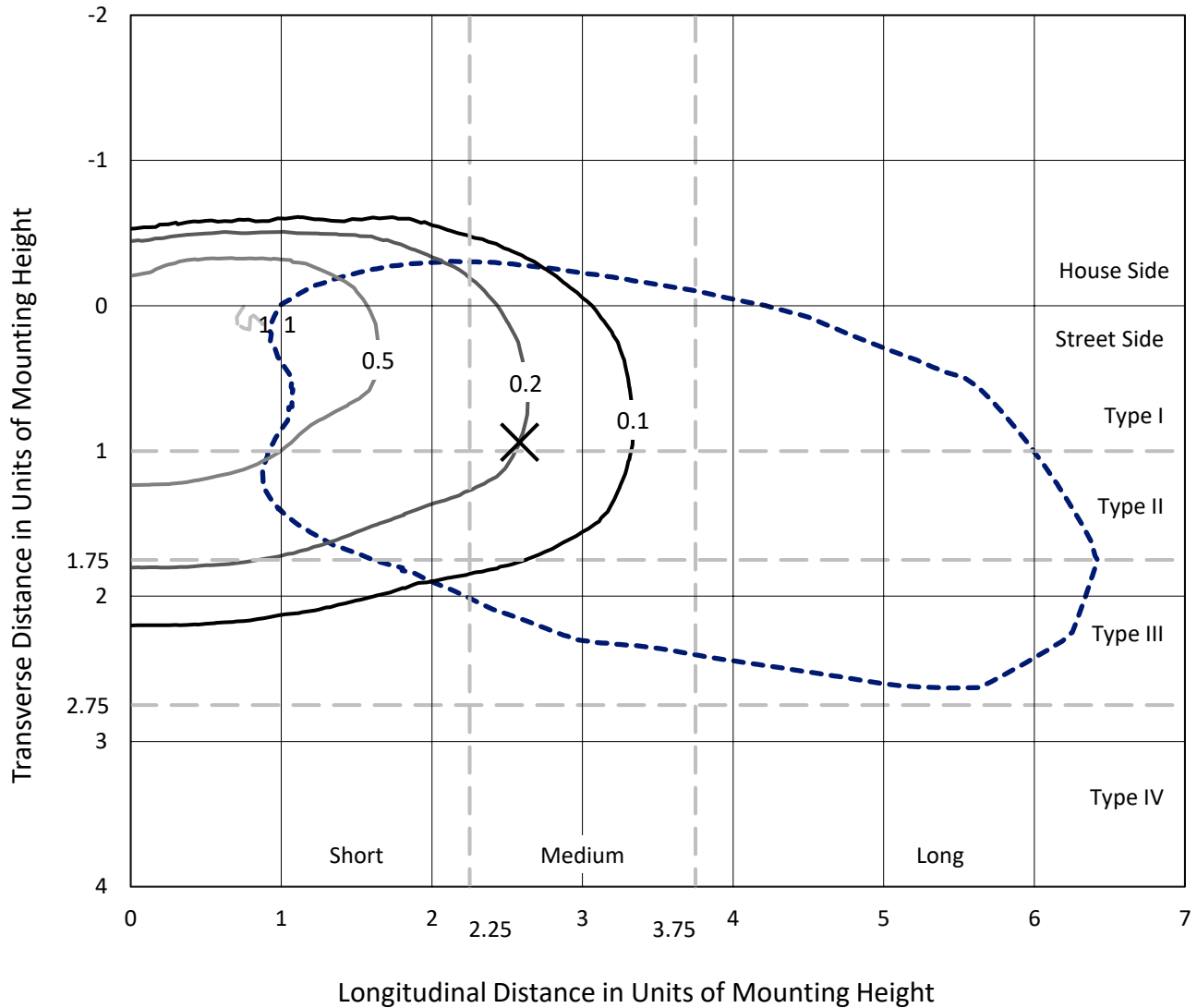
Input Watts (W): 34.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P510897
 CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

Iso-Footcandle Lines of Horizontal Illumination

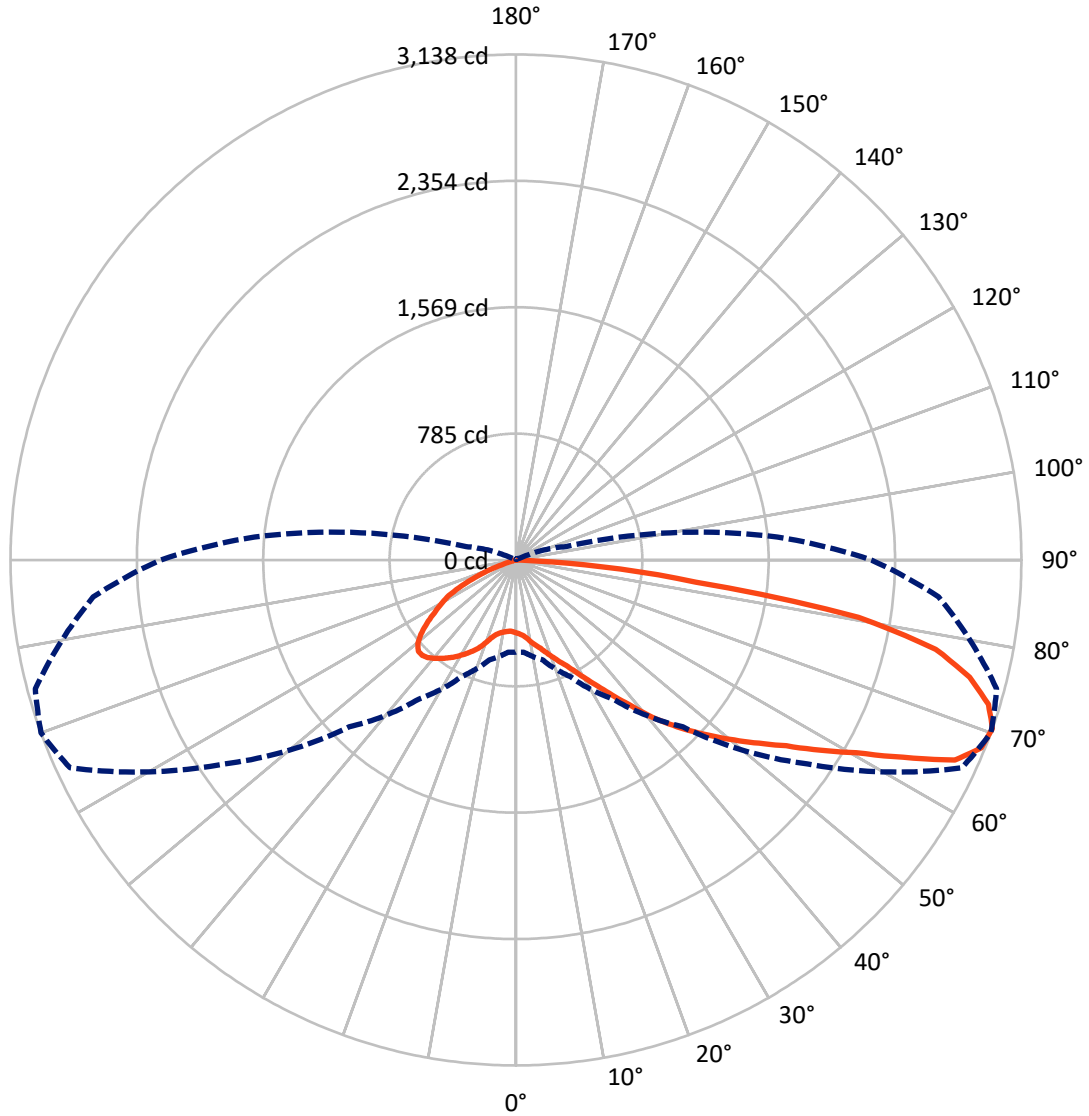
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type III - Medium - N/A

REPORT NUMBER: P510897
CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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 CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

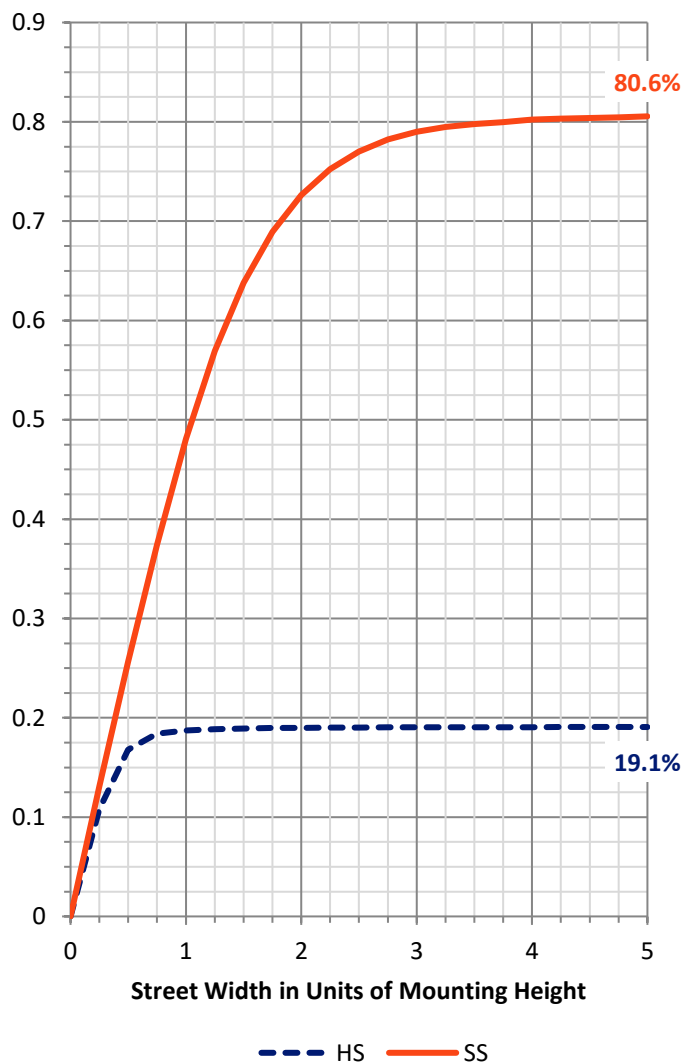
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	834.1	0.0	834.1
	% Fixture	19.3	0.0	19.3
Street Side	Lumens	3491.9	0.0	3491.9
	% Fixture	80.7	0.0	80.7
Total	Lumens	4326.0	0.0	4326.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	1.0
10°-20°	137.5	3.2
20°-30°	252.7	5.8
30°-40°	422.5	9.8
40°-50°	661.1	15.3
50°-60°	901.3	20.8
60°-70°	1049.4	24.3
70°-80°	733.7	17.0
80°-90°	124.3	2.9
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°	4326.0	100.0
0°-180°	4326.0	100.0

Coefficient of Utilization

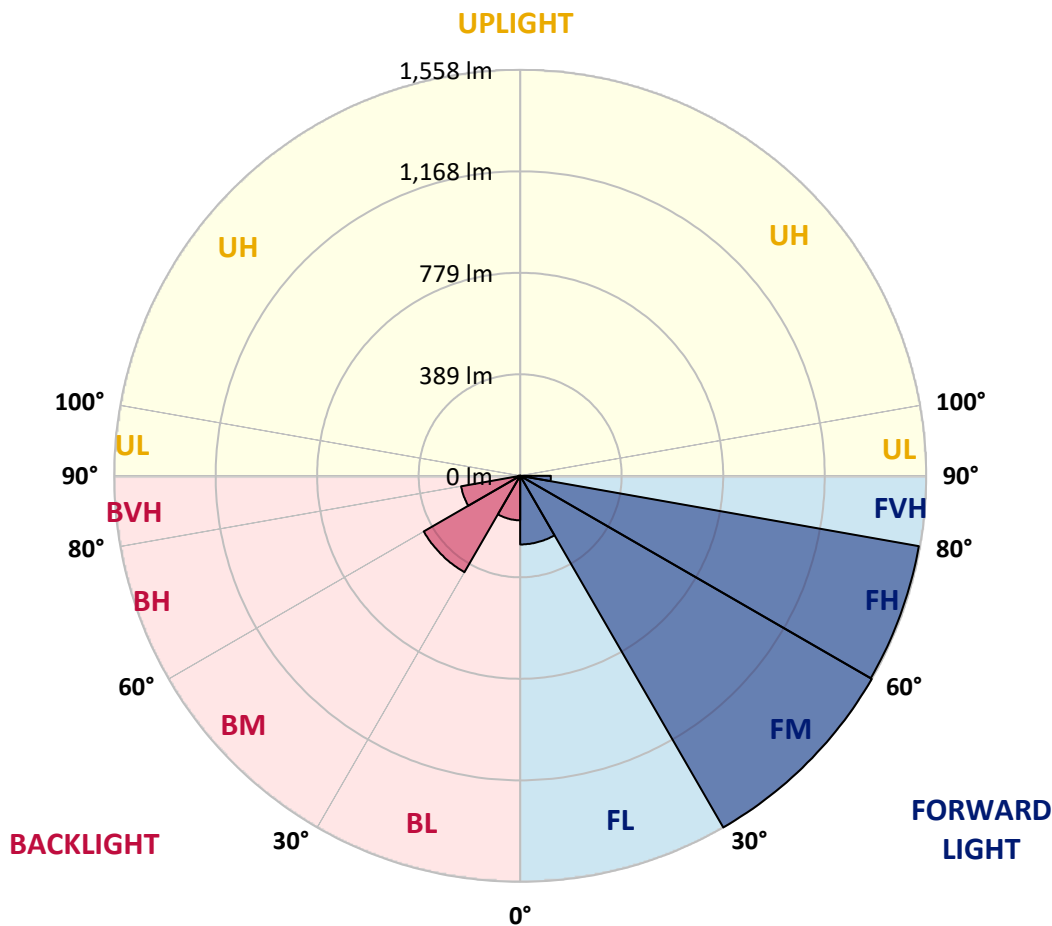


REPORT NUMBER: P510897
 CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	263.3	6.1			
FM (30°-60°)	1557.7	36.0			
FH (60°-80°)	1553.1	35.9			G1/1800
FVH (80°-90°)	117.8	2.7			G2/225
BL (0°-30°)	170.5	3.9	B1/500		
BM (30°-60°)	427.1	9.9	B1/1000		
BH (60°-80°)	230.0	5.3	B1/500		G1/500
BVH (80°-90°)	6.5	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type III Medium





REPORT NUMBER: P510897

CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7
2.5°	469.3	472.3	471.3	472.3	471.3	468.4	464.4	460.5	459.5	458.5	455.6
5°	490.0	491.9	490.0	490.9	489.0	485.1	479.2	473.3	471.3	467.4	460.5
7.5°	507.6	509.6	509.6	512.6	511.6	509.6	502.7	495.9	490.0	486.0	477.2
10°	526.3	527.3	528.3	532.2	535.1	535.1	529.2	523.4	518.4	511.6	497.8
12.5°	538.1	539.1	541.0	545.9	552.8	556.7	553.8	547.9	543.0	537.1	519.4
15°	543.0	544.0	548.9	557.7	567.5	573.4	574.4	570.5	568.5	562.6	545.0
17.5°	555.8	557.7	560.7	572.4	580.3	590.1	599.0	604.8	602.9	597.0	578.3
20°	575.4	578.3	580.3	589.1	595.0	612.7	630.4	641.2	640.2	636.3	617.6
22.5°	599.9	600.9	602.9	608.8	619.6	639.2	663.8	676.5	682.4	678.5	663.8
25°	627.4	627.4	625.5	634.3	649.0	670.6	700.1	721.7	725.6	728.6	731.5
27.5°	659.8	660.8	657.9	665.7	679.5	705.0	741.3	771.8	783.6	787.5	816.0
30°	737.4	736.4	724.6	703.0	719.7	748.2	786.5	837.6	854.3	871.9	924.9
32.5°	838.5	836.6	836.6	789.4	762.9	794.4	837.6	902.4	933.8	982.9	1042.8
35°	931.8	931.8	928.9	902.4	851.3	844.4	891.6	978.0	1030.0	1119.4	1168.5
37.5°	1014.3	1014.3	1019.2	989.8	956.4	919.1	960.3	1059.5	1137.0	1253.9	1290.2
40°	1089.9	1092.9	1096.8	1082.1	1056.5	1026.1	1030.0	1149.8	1270.6	1398.2	1426.7
42.5°	1143.9	1151.8	1175.3	1157.7	1161.6	1142.9	1112.5	1235.2	1391.4	1518.0	1542.6
45°	1195.0	1197.9	1215.6	1226.4	1252.9	1245.0	1223.4	1322.6	1511.1	1638.8	1643.7
47.5°	1231.3	1231.3	1247.0	1283.3	1331.5	1346.2	1338.3	1420.8	1631.9	1745.8	1750.7
50°	1245.0	1247.0	1282.4	1334.4	1414.9	1444.4	1455.2	1548.5	1757.6	1862.7	1848.9
52.5°	1260.8	1267.6	1313.8	1378.6	1485.6	1544.5	1571.0	1716.4	1889.2	1978.5	1950.1
55°	1268.6	1281.4	1323.6	1404.1	1536.7	1630.0	1674.1	1875.4	2036.5	2097.3	2066.9
57.5°	1207.7	1228.4	1304.9	1405.1	1569.1	1699.7	1788.0	2054.1	2227.9	2244.6	2163.1
60°	1124.3	1134.1	1223.4	1381.5	1560.2	1755.6	1919.6	2268.2	2428.2	2435.1	2281.0
62.5°	1033.0	1033.0	1120.3	1302.0	1520.0	1763.5	2039.4	2535.3	2698.3	2640.3	2404.7
65°	912.2	919.1	1005.5	1171.4	1429.6	1732.1	2130.7	2798.4	2994.8	2939.8	2527.4
67.5°	761.0	766.9	844.4	1001.5	1260.8	1638.8	2192.6	2994.8	3115.6	3066.5	2620.7
70°	571.5	575.4	642.2	798.3	1054.6	1465.0	2208.3	3054.7	3138.1	3089.1	2634.4
72.5°	323.0	313.2	390.8	525.3	762.9	1191.0	2147.4	3020.3	3067.5	3013.4	2528.4
75°	49.1	57.9	83.5	193.4	391.8	781.6	1896.0	2856.3	2909.4	2845.5	2333.0
77.5°	35.3	36.3	47.1	70.7	118.8	286.7	1207.7	2568.6	2664.9	2587.3	2022.7
80°	25.5	25.5	33.4	50.1	80.5	111.0	466.4	1906.8	2157.2	2127.8	1514.1
82.5°	17.7	18.7	23.6	36.3	56.0	78.6	134.5	913.2	1124.3	1154.7	744.3
85°	11.8	11.8	16.7	25.5	37.3	48.1	54.0	393.7	533.2	554.8	311.3
87.5°	6.9	6.9	9.8	15.7	23.6	29.5	26.5	31.4	27.5	25.5	13.7
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: P510897

CATALOG NUMBER: PRV-P-C10-D-UNV-T3-7030-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7	452.7
2.5°	453.6	451.7	447.7	444.8	440.9	436.0	431.1	429.1	424.2	423.2	420.3
5°	457.6	453.6	446.8	438.9	429.1	419.3	408.5	402.6	397.7	393.7	396.7
7.5°	471.3	464.4	453.6	439.9	423.2	407.5	393.7	382.0	375.1	372.1	372.1
10°	490.0	481.1	463.5	442.8	420.3	399.6	379.0	363.3	352.5	347.6	346.6
12.5°	510.6	499.8	476.2	447.7	420.3	391.8	368.2	346.6	331.9	325.0	324.0
15°	532.2	520.4	491.9	459.5	427.1	393.7	361.3	332.9	312.2	300.5	299.5
17.5°	564.6	550.8	517.5	483.1	443.8	401.6	359.4	318.1	285.7	270.0	268.1
20°	603.9	590.1	560.7	515.5	463.5	407.5	348.6	295.6	257.3	236.6	236.6
22.5°	653.9	654.9	611.7	545.9	475.2	403.6	335.8	271.0	219.0	192.5	190.5
25°	731.5	726.6	659.8	569.5	481.1	390.8	311.3	226.8	165.9	140.4	135.5
27.5°	820.9	795.3	704.0	588.2	476.2	376.1	273.0	169.9	111.0	88.4	85.4
30°	909.2	872.9	747.2	605.8	466.4	344.6	211.1	106.0	70.7	58.9	57.0
32.5°	1014.3	963.2	798.3	618.6	454.6	296.5	142.4	66.8	46.1	39.3	37.3
35°	1130.2	1054.6	850.3	623.5	431.1	232.7	82.5	41.2	28.5	28.5	29.5
37.5°	1250.0	1167.5	908.3	622.5	389.8	155.1	51.1	23.6	23.6	28.5	30.4
40°	1366.8	1265.7	969.1	614.7	326.0	89.4	26.5	19.6	21.6	26.5	27.5
42.5°	1477.8	1354.0	1033.0	599.0	242.5	50.1	20.6	18.7	20.6	22.6	22.6
45°	1575.9	1450.3	1085.0	575.4	152.2	26.5	19.6	17.7	17.7	18.7	19.6
47.5°	1662.4	1530.8	1129.2	529.2	81.5	24.5	18.7	16.7	15.7	16.7	16.7
50°	1748.8	1601.5	1146.9	455.6	38.3	24.5	18.7	15.7	14.7	17.7	17.7
52.5°	1832.2	1682.0	1141.0	357.4	27.5	22.6	17.7	15.7	14.7	18.7	19.6
55°	1922.6	1759.6	1131.1	226.8	27.5	21.6	16.7	13.7	13.7	13.7	14.7
57.5°	2009.0	1829.3	1114.5	95.2	26.5	19.6	14.7	11.8	10.8	11.8	11.8
60°	2103.2	1906.8	1041.8	38.3	25.5	17.7	12.8	10.8	8.8	9.8	9.8
62.5°	2203.4	1955.9	914.1	30.4	23.6	15.7	10.8	8.8	7.9	7.9	8.8
65°	2278.0	1956.9	718.7	26.5	22.6	13.7	9.8	7.9	6.9	6.9	6.9
67.5°	2286.8	1844.0	524.3	23.6	20.6	11.8	7.9	6.9	5.9	4.9	5.9
70°	2206.3	1629.0	320.1	22.6	17.7	9.8	6.9	5.9	4.9	3.9	4.9
72.5°	2047.3	1388.4	125.7	20.6	15.7	7.9	5.9	5.9	3.9	2.9	2.9
75°	1796.9	1084.0	31.4	18.7	13.7	6.9	4.9	4.9	3.9	2.0	2.0
77.5°	1443.4	637.3	23.6	15.7	11.8	4.9	3.9	3.9	2.0	2.0	2.0
80°	806.1	240.6	17.7	10.8	6.9	3.9	2.0	2.0	2.0	2.0	2.0
82.5°	320.1	50.1	12.8	5.9	3.9	2.0	1.0	1.0	1.0	2.0	2.0
85°	68.7	15.7	7.9	3.9	2.0	1.0	1.0	1.0	1.0	1.0	2.0
87.5°	4.9	4.9	2.9	2.9	2.0	1.0	1.0	1.0	1.0	1.0	1.0
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)