

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: P510892

Luminaire Tested: **PRV-P-C10-D-UNV-T2**

Issue Date: 4/7/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P510892  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-170-2)  
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-T2  
Description: PREVAIL AREA AND WALL LUMINAIRE  
(1) 70 CRI, 4000K, 600mA LED AND TYPE II OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4775 lumens  
Efficiency: N/A  
Efficacy: 138.0 lumens/watt  
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G1

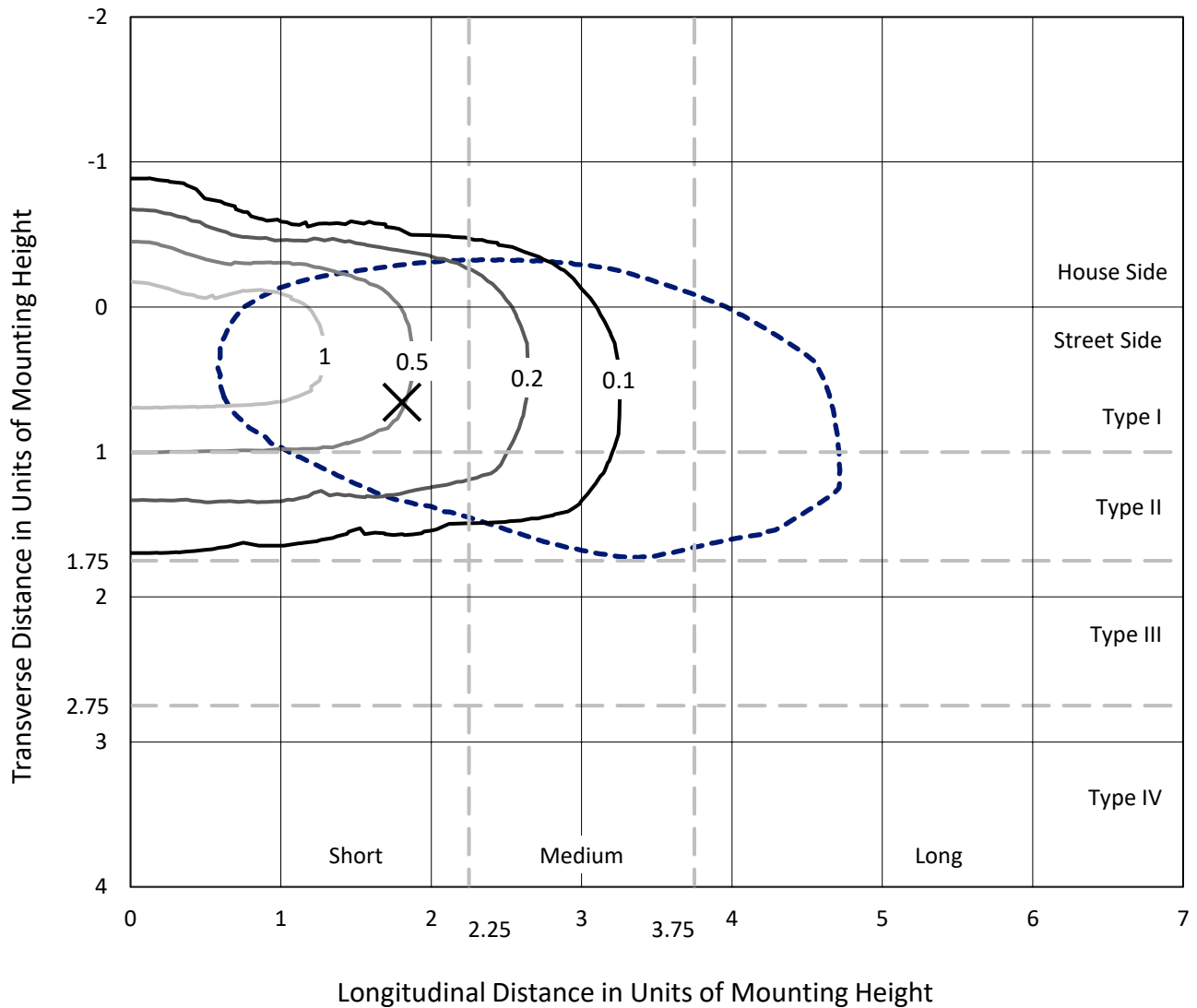
Input Watts (W): 34.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

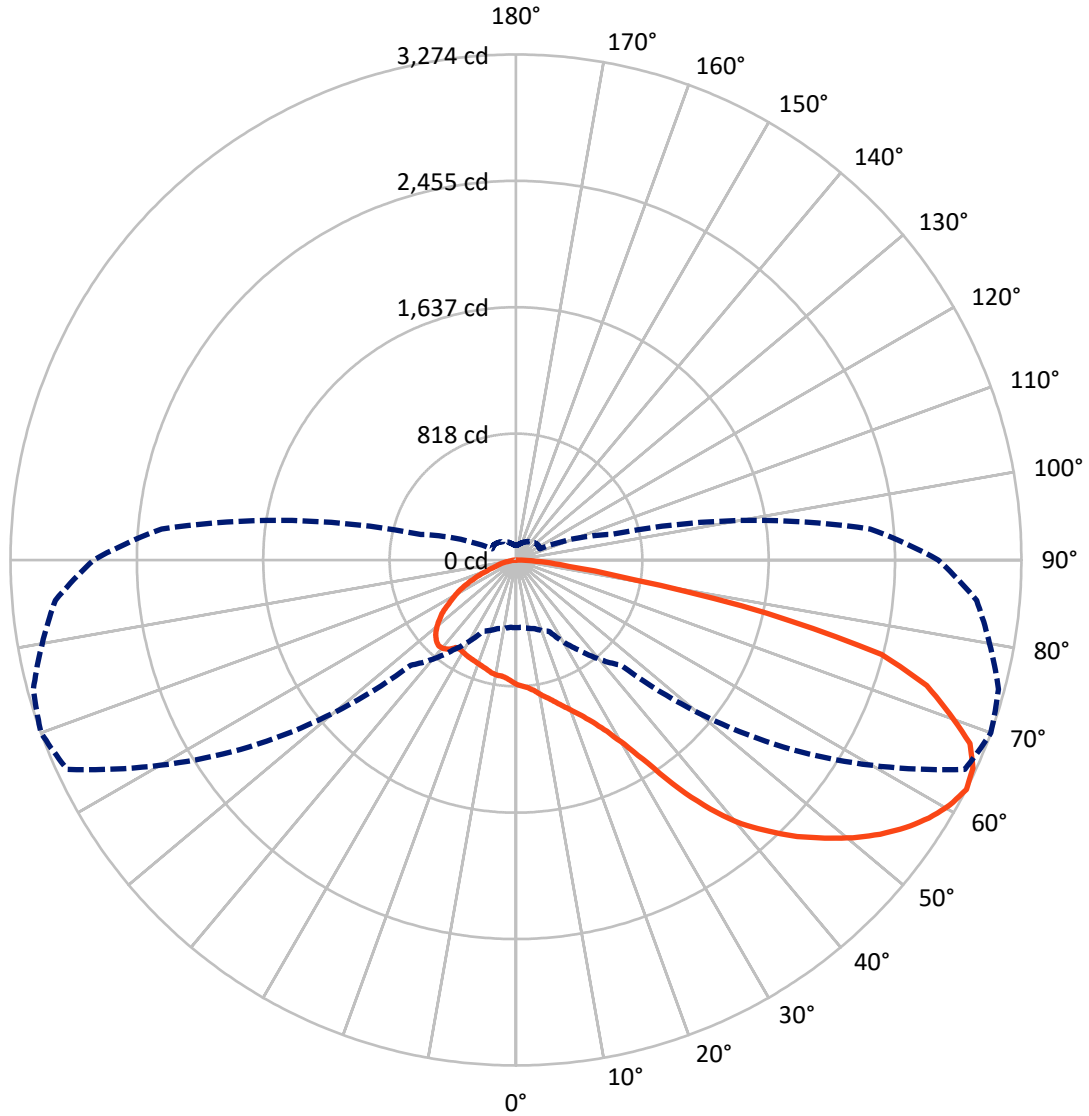
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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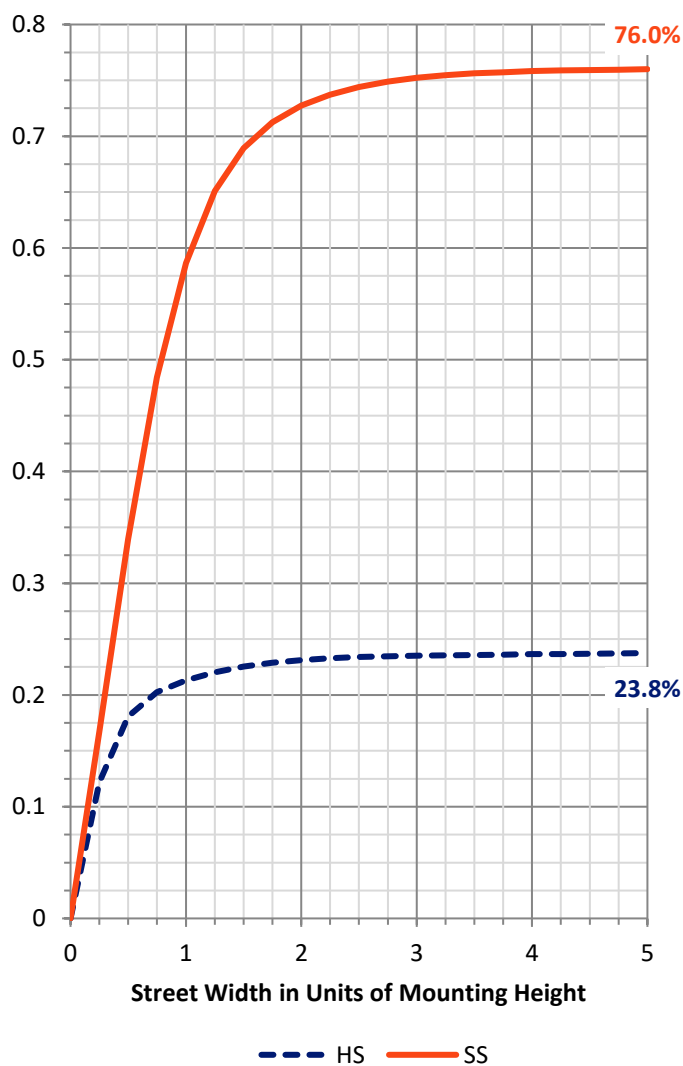
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1147.3	0.0	1147.3
	% Fixture	24.0	0.0	24.0
<b>Street Side</b>	Lumens	3627.8	0.0	3627.8
	% Fixture	76.0	0.0	76.0
<b>Total</b>	Lumens	4775.0	0.0	4775.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.3	1.6
10°-20°	237.1	5.0
20°-30°	403.3	8.4
30°-40°	609.7	12.8
40°-50°	841.4	17.6
50°-60°	982.5	20.6
60°-70°	964.9	20.2
70°-80°	579.3	12.1
80°-90°	79.4	1.7
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°	4775.0	100.0
0°-180°	4775.0	100.0

**Coefficient of Utilization**



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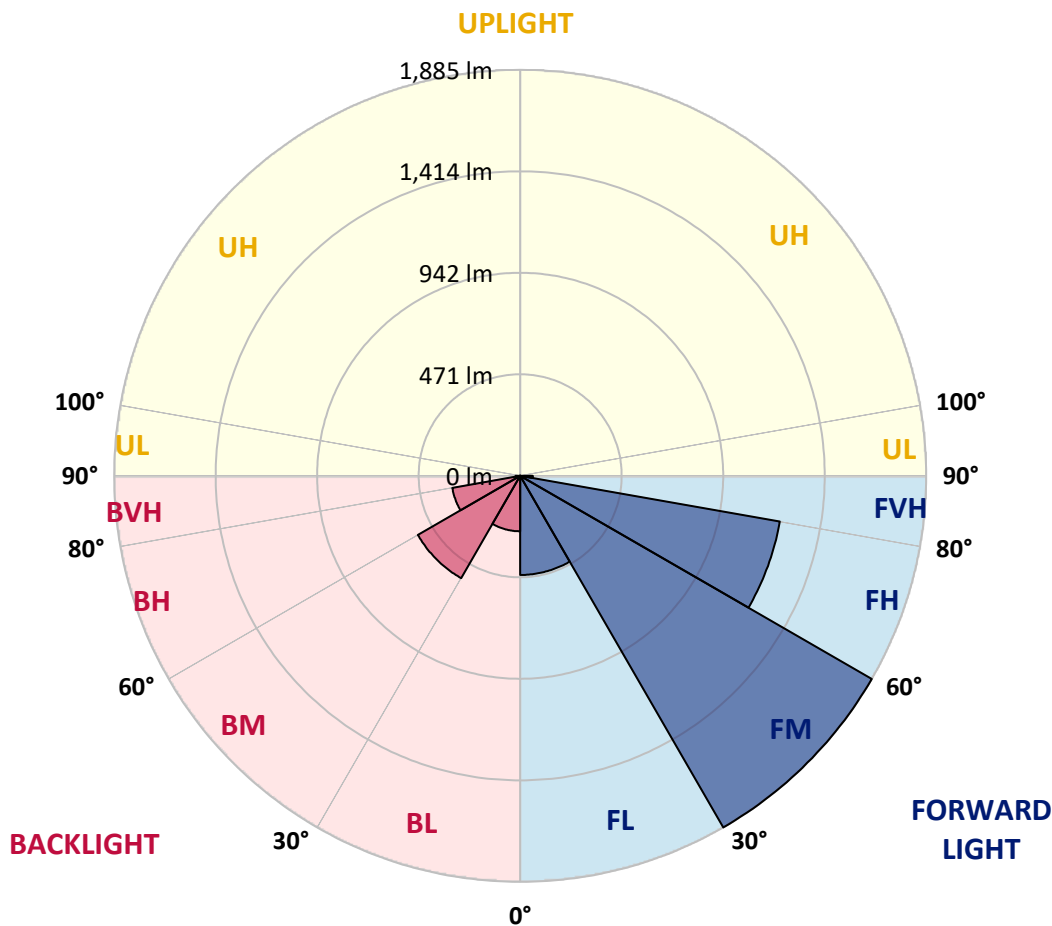
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	460.2	9.6			
FM (30°-60°)	1885.0	39.5			
FH (60°-80°)	1224.1	25.6			G1/1800
FVH (80°-90°)	58.5	1.2			G1/100
BL (0°-30°)	257.6	5.4	B1/500		
BM (30°-60°)	548.7	11.5	B1/1000		
BH (60°-80°)	320.1	6.7	B1/500		G1/500
BVH (80°-90°)	20.9	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9
2.5°	853.9	854.9	848.9	845.9	841.9	838.9	830.9	823.9	818.9	814.9	806.9
5°	901.9	900.9	894.9	883.9	876.9	866.9	849.9	837.9	830.9	822.9	806.9
7.5°	949.9	945.9	939.9	929.9	920.9	906.9	888.9	864.9	854.9	841.9	816.9
10°	989.9	989.9	987.9	978.9	968.9	949.9	931.9	903.9	886.9	867.9	831.9
12.5°	1029.9	1028.9	1022.9	1017.9	1007.9	990.9	969.9	938.9	916.9	896.9	847.9
15°	1070.9	1068.9	1061.9	1054.9	1040.9	1027.9	1006.9	977.9	953.9	928.9	866.9
17.5°	1113.9	1110.9	1101.9	1097.9	1081.9	1068.9	1051.9	1020.9	995.9	965.9	893.9
20°	1145.9	1144.9	1136.9	1134.9	1126.9	1111.9	1098.9	1071.9	1041.9	1009.9	924.9
22.5°	1170.9	1170.9	1168.9	1172.9	1175.9	1165.9	1148.9	1125.9	1093.9	1062.9	964.9
25°	1188.9	1188.9	1195.9	1207.9	1224.9	1223.9	1215.9	1192.9	1165.9	1130.9	1015.9
27.5°	1194.9	1195.9	1205.9	1236.9	1274.9	1285.9	1281.9	1275.9	1256.9	1213.9	1085.9
30°	1194.9	1195.9	1216.9	1260.9	1321.9	1350.9	1362.9	1389.9	1383.9	1351.9	1204.9
32.5°	1177.9	1179.9	1206.9	1268.9	1353.9	1408.9	1452.9	1540.9	1566.9	1572.9	1424.9
35°	1115.9	1120.9	1164.9	1257.9	1379.9	1479.9	1568.9	1740.8	1818.8	1825.8	1659.8
37.5°	1061.9	1064.9	1124.9	1235.9	1395.9	1544.9	1693.8	1963.8	2047.8	2046.8	1841.8
40°	1010.9	1016.9	1073.9	1200.9	1393.9	1601.8	1820.8	2163.8	2247.8	2214.8	1994.8
42.5°	952.9	959.9	1014.9	1156.9	1380.9	1653.8	1943.8	2347.8	2401.8	2382.8	2146.8
45°	890.9	893.9	950.9	1084.9	1350.9	1685.8	2061.8	2509.8	2554.8	2519.8	2281.8
47.5°	834.9	838.9	886.9	1012.9	1293.9	1695.8	2165.8	2653.7	2691.7	2662.7	2402.8
50°	663.9	675.9	816.9	947.9	1209.9	1674.8	2263.8	2782.7	2827.7	2789.7	2529.8
52.5°	572.9	579.9	635.9	880.9	1097.9	1618.8	2332.8	2912.7	2951.7	2901.7	2639.8
55°	535.9	536.9	569.9	752.9	1005.9	1523.9	2373.8	3030.7	3060.7	3011.7	2749.7
57.5°	503.0	508.0	536.9	613.9	916.9	1351.9	2375.8	3119.7	3153.7	3092.7	2839.7
60°	466.0	470.0	503.0	554.9	814.9	1128.9	2292.8	3196.7	3226.7	3174.7	2928.7
62.5°	437.0	438.0	460.0	510.0	712.9	964.9	2111.8	3207.7	3273.7	3235.7	2994.7
65°	402.0	404.0	426.0	470.0	629.9	838.9	1907.8	3145.7	3252.7	3253.7	3030.7
67.5°	357.0	358.0	382.0	426.0	544.9	741.9	1571.9	3081.7	3170.7	3187.7	2958.7
70°	297.0	303.0	324.0	366.0	462.0	627.9	1194.9	2902.7	2979.7	3023.7	2771.7
72.5°	225.0	235.0	261.0	305.0	371.0	526.0	839.9	2626.8	2781.7	2812.7	2497.8
75°	47.0	48.0	78.0	161.0	300.0	408.0	575.9	1997.8	2446.8	2498.8	2122.8
77.5°	21.0	23.0	36.0	54.0	97.0	263.0	377.0	1047.9	1661.8	1950.8	1675.8
80°	16.0	17.0	29.0	43.0	60.0	79.0	186.0	575.9	771.9	1078.9	1127.9
82.5°	9.0	10.0	19.0	31.0	38.0	36.0	77.0	250.0	346.0	438.0	549.9
85°	5.0	6.0	11.0	17.0	16.0	18.0	34.0	133.0	197.0	260.0	278.0
87.5°	2.0	3.0	4.0	6.0	6.0	5.0	6.0	25.0	36.0	34.0	24.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9	805.9
2.5°	802.9	797.9	789.9	781.9	774.9	768.9	762.9	760.9	759.9	759.9	763.9
5°	798.9	790.9	774.9	760.9	746.9	736.9	728.9	720.9	720.9	718.9	718.9
7.5°	803.9	791.9	767.9	746.9	728.9	714.9	705.9	696.9	691.9	690.9	690.9
10°	813.9	798.9	768.9	741.9	718.9	696.9	682.9	668.9	660.9	656.9	657.9
12.5°	823.9	801.9	764.9	731.9	700.9	672.9	648.9	628.9	619.9	620.9	620.9
15°	833.9	806.9	754.9	713.9	675.9	639.9	615.9	594.9	581.9	579.9	582.9
17.5°	853.9	816.9	750.9	696.9	649.9	607.9	584.9	567.9	543.9	543.9	541.9
20°	877.9	833.9	751.9	678.9	622.9	574.9	547.9	531.9	511.0	499.0	496.0
22.5°	908.9	856.9	753.9	661.9	593.9	540.9	505.0	485.0	470.0	453.0	450.0
25°	952.9	884.9	758.9	644.9	562.9	502.0	456.0	430.0	413.0	394.0	393.0
27.5°	1001.9	916.9	763.9	627.9	527.0	453.0	395.0	366.0	352.0	343.0	340.0
30°	1083.9	969.9	770.9	607.9	484.0	389.0	332.0	314.0	303.0	283.0	287.0
32.5°	1289.9	1108.9	778.9	584.9	440.0	332.0	290.0	268.0	248.0	233.0	232.0
35°	1488.9	1287.9	817.9	558.9	386.0	278.0	251.0	220.0	196.0	189.0	189.0
37.5°	1663.8	1436.9	912.9	534.9	333.0	249.0	209.0	185.0	170.0	160.0	172.0
40°	1818.8	1586.9	983.9	501.0	276.0	214.0	168.0	160.0	151.0	149.0	150.0
42.5°	1955.8	1704.8	1038.9	458.0	235.0	175.0	146.0	153.0	152.0	151.0	147.0
45°	2090.8	1822.8	1073.9	396.0	201.0	149.0	144.0	155.0	156.0	156.0	152.0
47.5°	2205.8	1923.8	1095.9	326.0	172.0	148.0	148.0	150.0	156.0	158.0	156.0
50°	2321.8	2015.8	1094.9	254.0	170.0	155.0	150.0	145.0	150.0	145.0	144.0
52.5°	2434.8	2096.8	1051.9	207.0	176.0	164.0	151.0	142.0	134.0	134.0	130.0
55°	2526.8	2164.8	968.9	194.0	182.0	169.0	152.0	139.0	128.0	119.0	124.0
57.5°	2610.8	2231.8	845.9	189.0	182.0	168.0	152.0	136.0	123.0	110.0	104.0
60°	2688.7	2288.8	740.9	180.0	181.0	164.0	148.0	132.0	114.0	101.0	97.0
62.5°	2734.7	2303.8	637.9	170.0	173.0	160.0	145.0	128.0	110.0	96.0	94.0
65°	2723.7	2261.8	513.0	159.0	166.0	155.0	140.0	121.0	103.0	89.0	85.0
67.5°	2617.8	2099.8	394.0	143.0	155.0	148.0	132.0	99.0	60.0	49.0	50.0
70°	2384.8	1888.8	279.0	122.0	136.0	134.0	101.0	67.0	48.0	38.0	41.0
72.5°	2110.8	1633.8	193.0	96.0	103.0	94.0	77.0	58.0	41.0	32.0	32.0
75°	1757.8	1308.9	145.0	78.0	54.0	65.0	66.0	51.0	41.0	48.0	53.0
77.5°	1371.9	967.9	115.0	62.0	24.0	36.0	48.0	43.0	73.0	76.0	71.0
80°	920.9	653.9	90.0	21.0	13.0	15.0	29.0	59.0	61.0	34.0	32.0
82.5°	510.0	341.0	38.0	12.0	7.0	8.0	15.0	77.0	40.0	31.0	30.0
85°	235.0	144.0	14.0	6.0	4.0	4.0	4.0	13.0	8.0	6.0	8.0
87.5°	18.0	11.0	3.0	2.0	2.0	1.0	0.0	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)