

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: P1211979

Luminaire Tested: **GKO-PB2C-835-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211979
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-835-U-T2U
Description: GEKKO WALL PACK 8000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

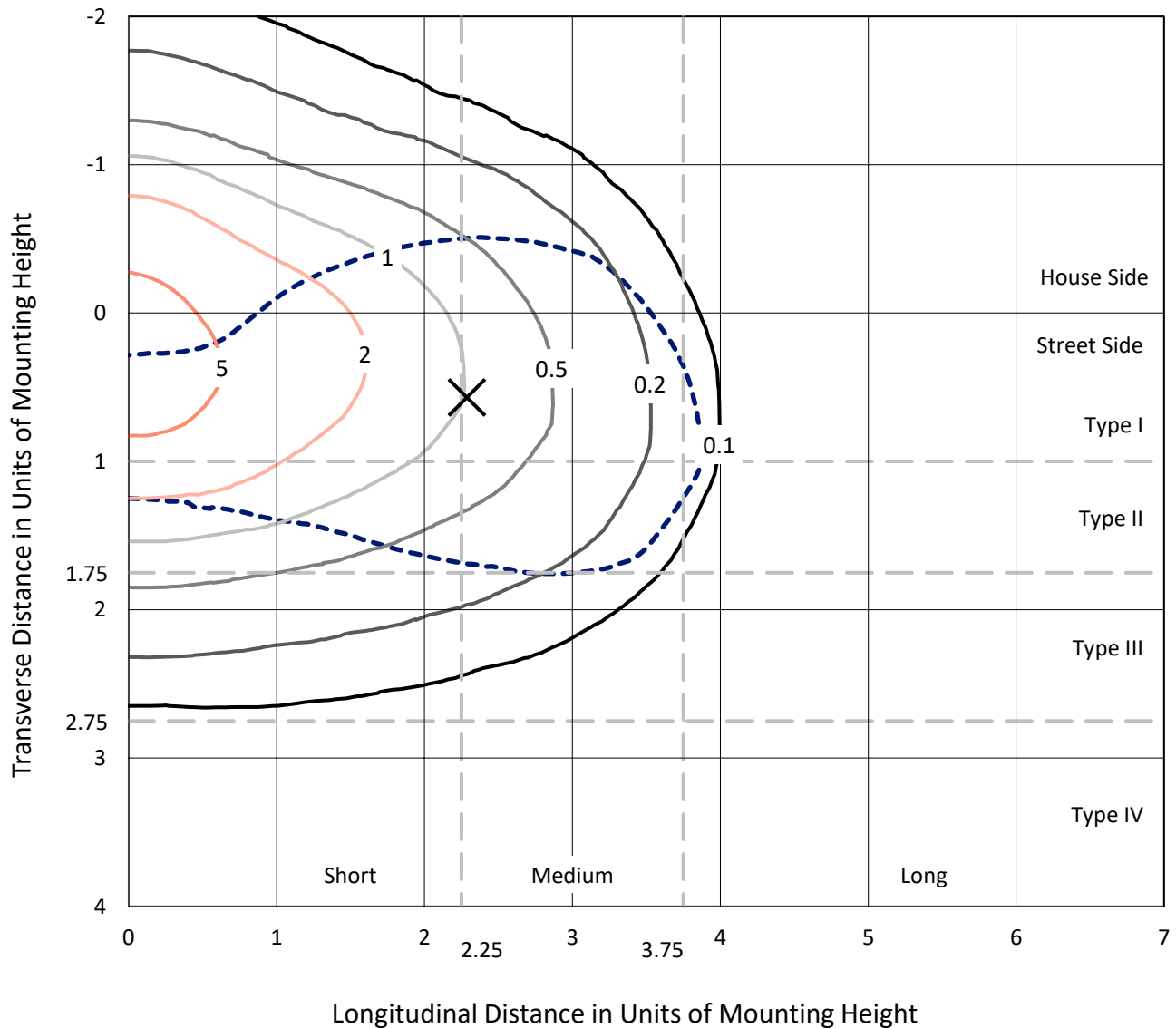
Lumens per Lamp: N/A
Luminaire Lumens: 7441.2 lumens
Efficiency: N/A
Efficacy: 127.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 58.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

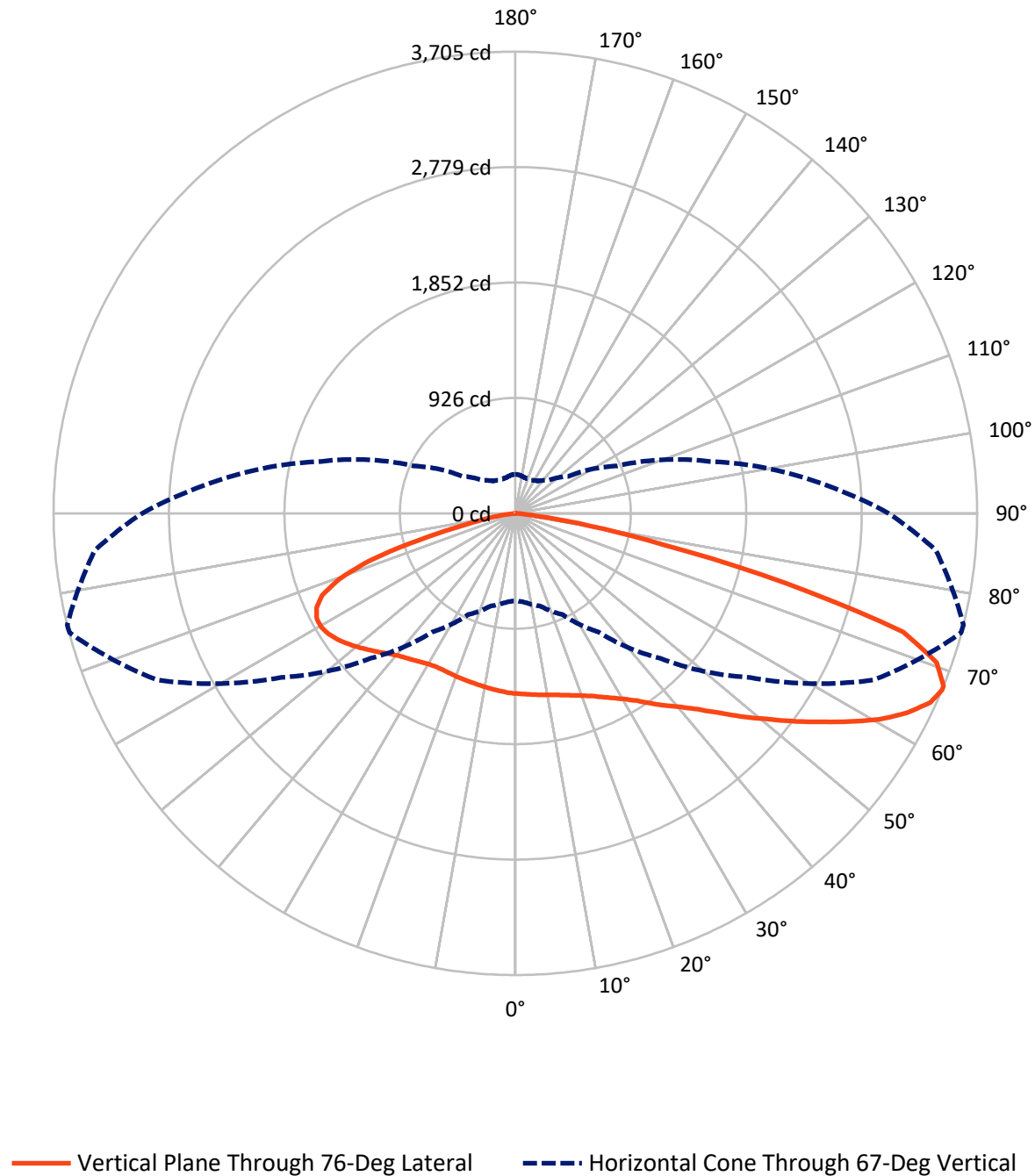
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2455.0	0.0	2455.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	4986.2	0.0	4986.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	7441.2	0.0	7441.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.1	1.9
10°-20°	425.4	5.7
20°-30°	731.8	9.8
30°-40°	1051.6	14.1
40°-50°	1333.6	17.9
50°-60°	1464.4	19.7
60°-70°	1420.3	19.1
70°-80°	784.1	10.5
80°-90°	90.9	1.2
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°	7441.2	100.0
0°-180°	7441.2	100.0



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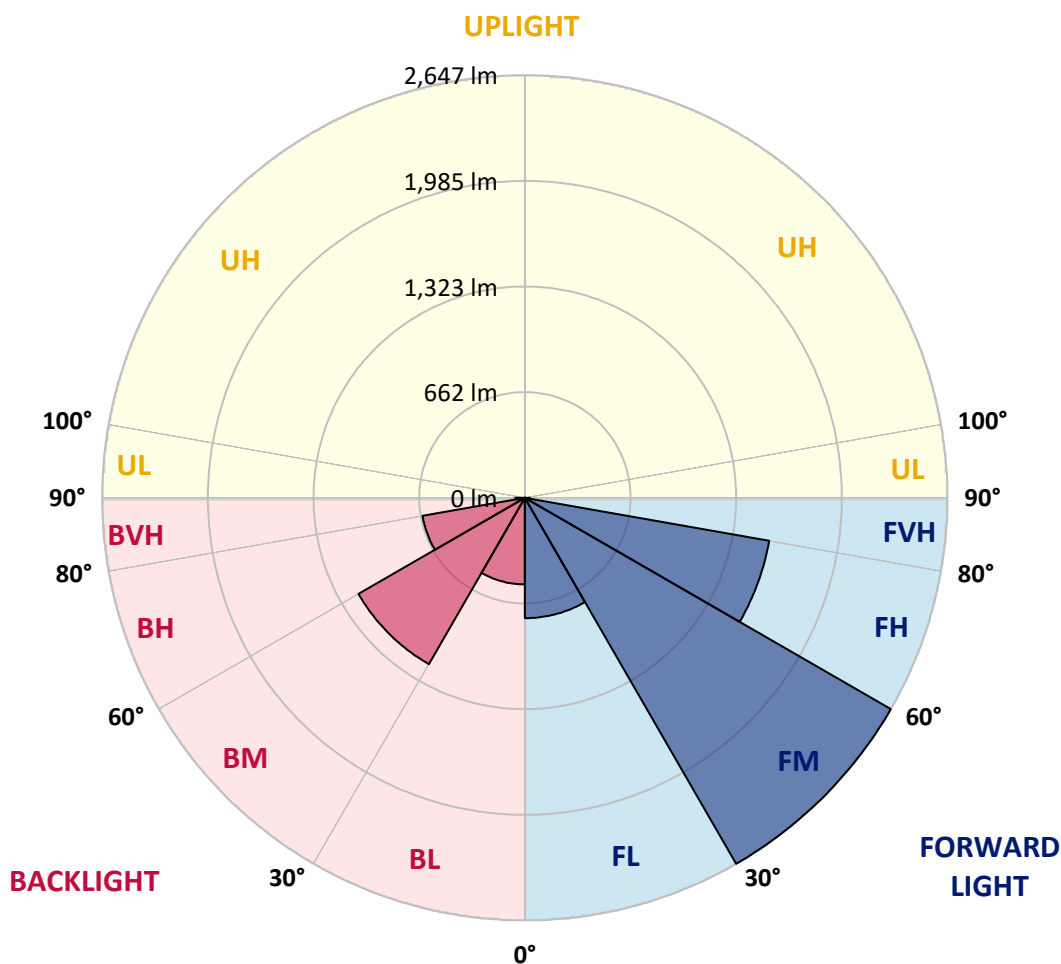
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	753.8	10.1			
FM	(30°-60°)	2646.7	35.6			
FH	(60°-80°)	1553.7	20.9			G1/1800
FVH	(80°-90°)	32.1	0.4			G1/100
BL	(0°-30°)	542.4	7.3	B2/1000		
BM	(30°-60°)	1203.0	16.2	B2/2500		
BH	(60°-80°)	650.8	8.7	B2/1000		G2/1000
BVH	(80°-90°)	58.8	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1489.7	1488.2	1486.8	1486.8	1481.0	1475.3	1469.5	1465.2	1453.7	1452.3	1446.5
5°	1534.3	1534.3	1530.0	1528.5	1519.9	1505.5	1492.6	1479.6	1463.8	1460.9	1447.9
7.5°	1591.9	1591.9	1584.7	1578.9	1566.0	1542.9	1519.9	1496.9	1473.8	1471.0	1450.8
10°	1665.3	1665.3	1659.5	1646.6	1619.2	1589.0	1551.6	1515.6	1485.4	1482.5	1453.7
12.5°	1741.6	1743.0	1734.4	1715.6	1682.5	1636.5	1590.4	1538.6	1499.7	1495.4	1459.4
15°	1819.3	1820.7	1815.0	1794.8	1750.2	1694.1	1632.2	1570.3	1518.5	1514.1	1468.1
17.5°	1895.6	1898.4	1892.7	1869.6	1817.8	1757.4	1681.1	1603.4	1541.5	1535.7	1482.5
20°	1967.5	1967.5	1967.5	1941.6	1891.2	1822.2	1734.4	1643.7	1567.4	1561.6	1499.7
22.5°	2032.3	2035.2	2039.5	2025.1	1967.5	1891.2	1796.2	1688.3	1600.5	1593.3	1521.3
25°	2097.1	2098.5	2110.0	2099.9	2043.8	1964.6	1862.5	1744.4	1640.8	1633.6	1547.2
27.5°	2171.9	2176.2	2183.4	2179.1	2115.8	2038.0	1935.9	1806.3	1685.4	1678.2	1578.9
30°	2259.7	2259.7	2264.0	2256.8	2193.5	2115.8	2009.3	1871.1	1741.6	1730.0	1617.8
32.5°	2331.7	2338.9	2336.0	2333.1	2266.9	2189.2	2084.1	1943.1	1806.3	1791.9	1671.0
35°	2399.3	2400.7	2399.3	2402.2	2336.0	2262.6	2163.3	2026.5	1878.3	1872.5	1738.7
37.5°	2438.2	2441.0	2448.2	2456.9	2397.9	2328.8	2242.4	2118.6	1967.5	1957.4	1819.3
40°	2456.9	2461.2	2500.1	2513.0	2449.7	2392.1	2325.9	2202.1	2053.9	2042.4	1899.9
42.5°	2485.7	2520.2	2540.4	2543.2	2488.5	2438.2	2397.9	2297.1	2160.4	2150.3	2007.8
45°	2390.7	2377.7	2431.0	2492.9	2490.0	2468.4	2467.0	2403.6	2291.4	2281.3	2130.2
47.5°	2271.2	2261.1	2289.9	2380.6	2445.4	2481.3	2534.6	2528.8	2449.7	2435.3	2272.7
50°	1986.2	2003.5	2144.6	2268.3	2380.6	2485.7	2592.2	2659.8	2603.7	2592.2	2423.8
52.5°	1720.0	1731.5	1827.9	2123.0	2297.1	2472.7	2642.6	2798.0	2783.6	2770.6	2589.3
55°	1532.9	1544.4	1698.4	1886.9	2173.3	2406.5	2675.7	2929.0	2966.4	2953.4	2764.9
57.5°	1337.1	1355.8	1460.9	1626.4	2007.8	2297.1	2687.2	3061.4	3165.0	3153.5	2933.3
60°	1148.6	1174.5	1236.4	1416.3	1803.4	2167.6	2656.9	3167.9	3356.4	3356.4	3107.4
62.5°	974.4	988.8	1053.6	1216.2	1544.4	2002.1	2580.7	3235.5	3532.0	3524.8	3260.0
65°	830.5	837.7	889.5	1029.1	1327.0	1819.3	2448.2	3231.2	3657.3	3658.7	3360.8
67°	700.9	712.5	770.0	896.7	1161.5	1646.6	2295.7	3166.5	3701.9	3704.8	3385.2
67.5°	656.3	669.3	732.6	863.6	1127.0	1599.1	2259.7	3139.1	3699.0	3704.8	3378.0
70°	451.9	454.8	561.3	711.0	926.9	1347.2	2010.7	2949.1	3589.6	3585.3	3221.1
72.5°	287.9	283.5	385.7	519.6	745.6	1091.0	1696.9	2616.6	3257.1	3252.8	2839.7
75°	191.4	195.7	260.5	371.3	523.9	843.4	1322.7	1974.7	2262.6	2245.3	1874.0
77.5°	136.7	133.9	161.2	267.7	351.2	512.4	718.2	1050.7	1201.8	1201.8	1029.1
80°	74.8	76.3	87.8	148.2	198.6	200.1	269.1	526.8	587.2	600.2	499.4
82.5°	21.6	23.0	31.7	50.4	54.7	60.5	93.6	151.1	158.3	167.0	135.3
85°	0.0	0.0	0.0	1.4	5.8	7.2	7.2	8.6	14.4	14.4	15.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.9	5.8	5.8	7.2
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°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1445.1	1446.5	1440.7	1433.5	1427.8	1424.9	1416.3	1409.1	1413.4	1417.7	1417.7
5°	1443.6	1442.2	1430.7	1417.7	1409.1	1403.3	1388.9	1378.8	1380.3	1384.6	1383.2
7.5°	1443.6	1437.9	1422.0	1403.3	1388.9	1377.4	1358.7	1347.2	1345.7	1348.6	1345.7
10°	1445.1	1435.0	1413.4	1387.5	1367.3	1350.1	1327.0	1314.1	1309.8	1311.2	1308.3
12.5°	1447.9	1432.1	1404.8	1371.7	1345.7	1322.7	1296.8	1281.0	1278.1	1281.0	1281.0
15°	1452.3	1432.1	1397.6	1357.3	1322.7	1296.8	1270.9	1256.5	1256.5	1257.9	1257.9
17.5°	1460.9	1436.4	1391.8	1341.4	1299.7	1270.9	1247.9	1237.8	1239.2	1243.6	1243.6
20°	1469.5	1442.2	1386.0	1325.6	1279.5	1246.4	1227.7	1220.5	1226.3	1232.0	1232.0
22.5°	1482.5	1449.4	1380.3	1311.2	1256.5	1223.4	1207.6	1201.8	1207.6	1214.8	1211.9
25°	1502.6	1462.3	1376.0	1298.2	1234.9	1198.9	1183.1	1177.3	1180.2	1186.0	1186.0
27.5°	1525.7	1478.2	1374.5	1282.4	1209.0	1170.1	1151.4	1142.8	1142.8	1144.2	1145.7
30°	1564.5	1505.5	1380.3	1270.9	1186.0	1139.9	1115.5	1102.5	1101.1	1106.8	1106.8
32.5°	1610.6	1542.9	1394.7	1260.8	1163.0	1103.9	1070.8	1060.8	1057.9	1062.2	1057.9
35°	1662.4	1584.7	1413.4	1259.4	1139.9	1065.1	1027.7	1016.1	1007.5	1004.6	1001.8
37.5°	1735.8	1642.2	1432.1	1252.2	1116.9	1023.3	983.0	958.6	948.5	945.6	945.6
40°	1807.8	1698.4	1455.1	1240.7	1089.5	981.6	924.0	896.7	892.4	892.4	892.4
42.5°	1898.4	1771.8	1486.8	1233.5	1056.4	939.9	860.7	829.0	829.0	829.0	827.6
45°	2010.7	1868.2	1527.1	1230.6	1024.8	889.5	793.1	751.3	749.9	748.4	747.0
47.5°	2141.7	1969.0	1566.0	1223.4	987.4	829.0	715.3	669.3	659.2	656.3	652.0
50°	2277.0	2078.3	1607.7	1213.3	942.7	758.5	641.9	588.7	567.1	559.9	562.8
52.5°	2420.9	2184.9	1648.0	1198.9	889.5	688.0	567.1	511.0	489.4	480.7	479.3
55°	2561.9	2292.8	1685.4	1180.2	831.9	616.0	503.8	449.1	430.3	427.5	427.5
57.5°	2704.4	2396.4	1714.2	1152.9	768.6	552.7	449.1	404.4	391.5	397.2	397.2
60°	2834.0	2487.1	1728.6	1115.5	705.3	495.1	405.9	372.8	367.0	381.4	380.0
62.5°	2950.6	2547.6	1721.4	1060.8	643.4	446.2	372.8	348.3	349.7	367.0	368.5
65°	3006.7	2557.6	1679.7	985.9	574.3	404.4	338.2	315.2	318.1	336.8	341.1
67°	2993.7	2518.8	1610.6	901.0	518.1	372.8	316.6	293.6	295.1	310.9	312.3
67.5°	2979.3	2500.1	1591.9	875.1	503.8	367.0	310.9	289.3	292.2	306.6	306.6
70°	2787.9	2310.1	1419.1	742.7	436.1	326.7	283.5	269.1	272.0	280.7	280.7
72.5°	2436.7	2000.6	1148.6	595.9	369.9	289.3	256.2	247.6	247.6	247.6	240.4
75°	1554.4	1253.6	751.3	456.3	305.1	247.6	230.3	220.2	214.5	223.1	220.2
77.5°	859.3	654.9	391.5	262.0	220.2	205.8	200.1	195.7	194.3	214.5	208.7
80°	407.3	323.8	220.2	149.7	126.7	152.6	172.7	169.8	202.9	277.8	279.2
82.5°	129.5	106.5	89.2	82.0	84.9	109.4	133.9	154.0	263.4	297.9	293.6
85°	15.8	14.4	10.1	33.1	56.1	80.6	103.6	200.1	241.8	201.5	190.0
87.5°	5.8	5.8	5.8	23.0	43.2	61.9	93.6	201.5	148.2	135.3	123.8
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)