

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: P1211747

Luminaire Tested: **GKO-PB1F-835-U-T2R**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211747
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-835-U-T2R
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6038.5 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

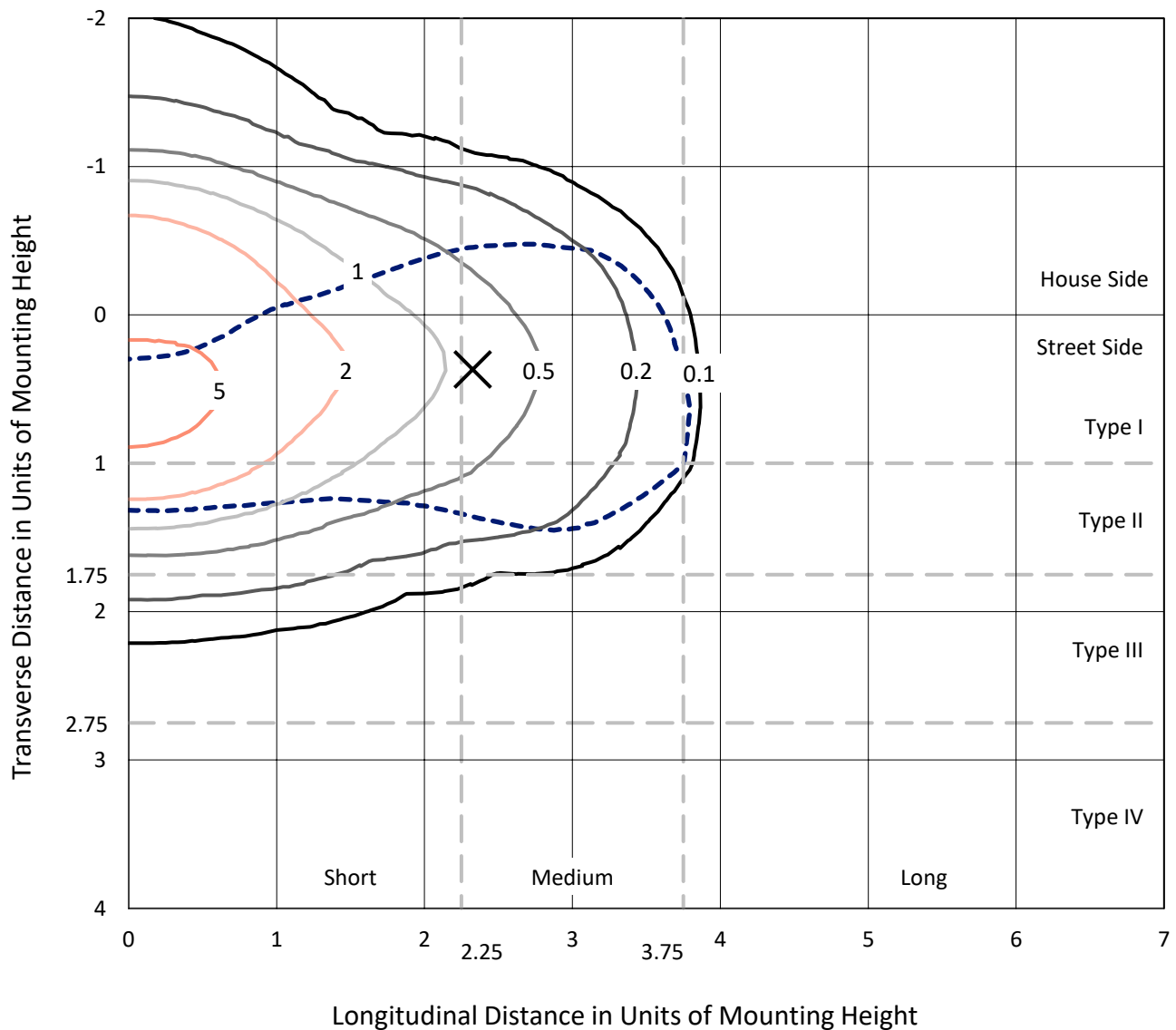
Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

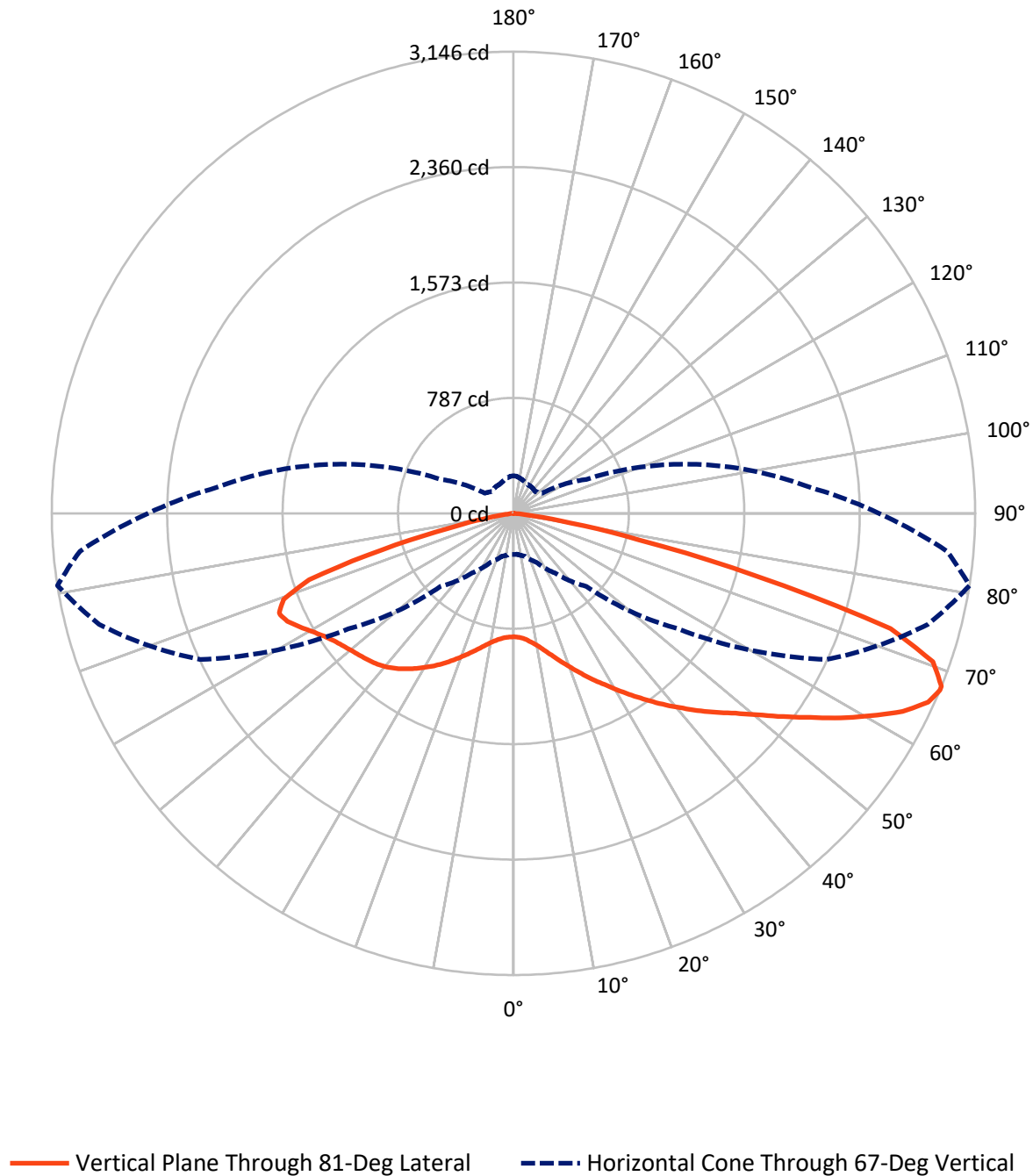
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.2 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	1864.7	0.0	1864.7
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4173.9	0.0	4173.9
	% Fixture	69.1	0.0	69.1
Total	Lumens	6038.5	0.0	6038.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.1	1.4
10°-20°	315.4	5.2
20°-30°	638.9	10.6
30°-40°	1007.4	16.7
40°-50°	1237.2	20.5
50°-60°	1181.9	19.6
60°-70°	991.2	16.4
70°-80°	525.1	8.7
80°-90°	54.2	0.9
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°	6038.5	100.0
0°-180°	6038.5	100.0



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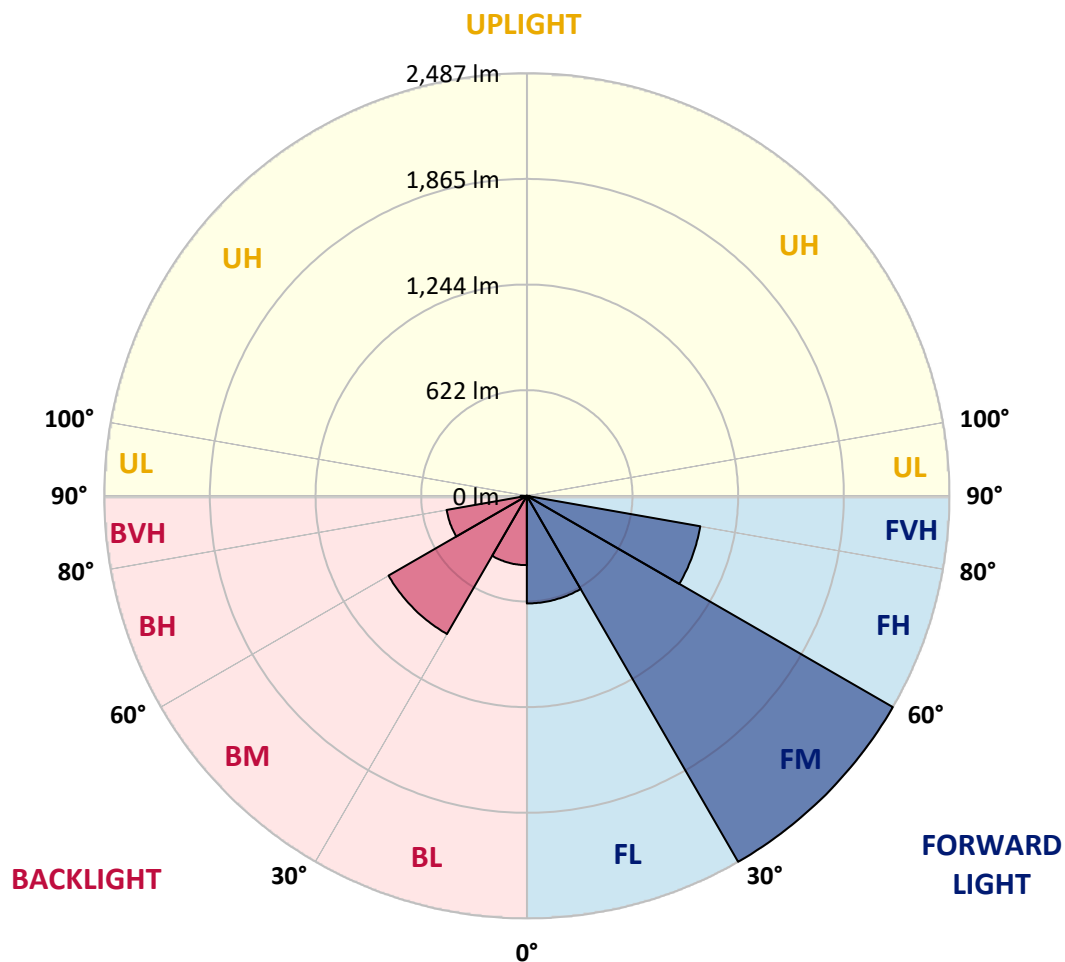
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	633.4	10.5			
FM	(30°-60°)	2487.0	41.2			
FH	(60°-80°)	1036.6	17.2			G1/1800
FVH	(80°-90°)	16.9	0.3			G1/100
BL	(0°-30°)	408.0	6.8	B1/500		
BM	(30°-60°)	939.6	15.6	B1/1000		
BH	(60°-80°)	479.7	7.9	B1/500		G1/500
BVH	(80°-90°)	37.4	0.6			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 Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2
2.5°	889.7	892.0	887.4	886.2	881.6	874.7	866.6	860.8	851.6	846.9	844.6
5°	974.0	969.4	965.9	960.2	944.0	930.1	907.0	890.8	873.5	862.0	858.5
7.5°	1076.9	1079.2	1067.6	1052.6	1029.5	1001.8	964.8	934.7	902.4	887.4	880.4
10°	1188.9	1198.2	1186.6	1168.1	1124.2	1082.6	1037.6	985.6	941.7	918.6	909.3
12.5°	1325.3	1331.1	1316.0	1291.8	1238.6	1176.2	1112.7	1048.0	990.2	961.3	945.1
15°	1477.8	1473.2	1458.2	1422.3	1354.2	1284.8	1198.2	1113.8	1045.7	1009.8	986.7
17.5°	1634.9	1629.2	1609.5	1563.3	1485.9	1399.2	1296.4	1190.1	1104.6	1065.3	1034.1
20°	1785.1	1779.4	1765.5	1713.5	1619.9	1513.6	1393.5	1277.9	1171.6	1123.1	1088.4
22.5°	1951.5	1946.9	1925.0	1861.4	1760.9	1644.2	1504.4	1366.9	1244.4	1186.6	1145.0
25°	2131.8	2132.9	2108.7	2019.7	1906.5	1770.1	1623.4	1467.4	1326.4	1253.6	1206.3
27.5°	2342.1	2340.9	2299.3	2203.4	2061.3	1904.2	1741.2	1572.5	1407.3	1321.8	1267.5
30°	2532.7	2528.1	2481.9	2386.0	2221.9	2045.1	1866.0	1674.2	1498.6	1396.9	1331.1
32.5°	2673.7	2674.8	2636.7	2531.6	2370.9	2182.6	1982.7	1788.6	1586.4	1477.8	1405.0
35°	2775.4	2776.5	2739.5	2649.4	2499.2	2310.9	2106.4	1896.1	1684.6	1561.0	1482.4
37.5°	2807.7	2807.7	2783.4	2713.0	2590.5	2426.4	2227.7	2018.5	1782.8	1651.1	1561.0
40°	2763.8	2767.3	2766.1	2719.9	2635.5	2506.1	2339.8	2136.4	1892.6	1740.1	1640.7
42.5°	2664.4	2666.7	2670.2	2652.9	2626.3	2548.9	2429.9	2256.6	2002.4	1837.1	1719.3
45°	2500.4	2509.6	2526.9	2533.9	2544.3	2538.5	2485.3	2368.6	2124.8	1934.2	1796.7
47.5°	2292.4	2307.4	2330.5	2372.1	2429.9	2476.1	2499.2	2455.3	2243.9	2034.7	1883.4
50°	2003.5	2019.7	2082.1	2168.7	2283.1	2373.3	2461.1	2520.0	2376.7	2157.2	1980.4
52.5°	1603.7	1638.4	1743.5	1909.9	2106.4	2240.4	2380.2	2551.2	2511.9	2301.6	2096.0
55°	1220.1	1232.8	1368.0	1567.9	1870.6	2097.1	2269.3	2535.0	2639.0	2453.0	2227.7
57.5°	852.7	866.6	984.4	1202.8	1537.9	1909.9	2158.4	2480.7	2754.6	2630.9	2379.0
60°	605.4	620.5	708.3	870.0	1194.7	1637.2	2055.5	2411.4	2855.1	2799.6	2553.5
62.5°	440.2	448.3	494.5	630.9	863.1	1280.2	1908.8	2366.3	2925.6	2975.2	2732.6
65°	337.4	345.5	372.0	457.6	637.8	935.9	1645.3	2365.2	2944.0	3104.7	2887.4
67°	280.8	279.6	302.7	367.4	498.0	703.7	1373.8	2355.9	2923.2	3146.2	2966.0
67.5°	265.7	270.4	288.9	343.2	470.3	648.2	1314.9	2340.9	2916.3	3145.1	2971.8
70°	211.4	212.6	228.8	271.5	353.6	470.3	946.3	2193.0	2811.2	3031.9	2907.1
72.5°	154.8	153.7	177.9	205.7	270.4	342.0	634.3	1841.8	2583.5	2686.4	2584.7
75°	114.4	113.2	125.9	157.1	193.0	255.4	411.3	1201.7	1749.3	1708.9	1578.3
77.5°	76.3	78.6	90.1	115.5	137.5	158.3	205.7	553.5	963.6	871.2	838.8
80°	46.2	42.8	50.8	65.9	79.7	80.9	87.8	239.2	413.6	394.0	369.7
82.5°	16.2	16.2	19.6	26.6	26.6	26.6	32.4	57.8	82.0	75.1	71.6
85°	0.0	0.0	0.0	0.0	2.3	3.5	2.3	4.6	8.1	9.2	9.2
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3	3.5	4.6	4.6
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°	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2	841.2
2.5°	844.6	844.6	841.2	836.5	834.2	833.1	829.6	825.0	828.4	831.9	831.9
5°	856.2	853.9	846.9	842.3	838.8	838.8	834.2	833.1	836.5	840.0	838.8
7.5°	874.7	870.0	862.0	855.0	856.2	857.3	850.4	850.4	853.9	857.3	857.3
10°	900.1	892.0	883.9	878.1	879.3	880.4	873.5	871.2	874.7	878.1	880.4
12.5°	932.4	922.0	912.8	907.0	905.9	907.0	900.1	897.8	897.8	900.1	900.1
15°	970.6	959.0	947.5	939.4	937.1	935.9	926.7	918.6	918.6	919.7	919.7
17.5°	1014.5	998.3	983.3	974.0	968.3	960.2	949.8	938.2	934.7	935.9	935.9
20°	1058.4	1041.0	1021.4	1008.7	997.1	983.3	967.1	952.1	945.1	945.1	944.0
22.5°	1109.2	1086.1	1059.5	1042.2	1021.4	998.3	975.2	955.5	948.6	946.3	946.3
25°	1161.2	1134.6	1096.5	1069.9	1039.9	1006.4	976.3	949.8	938.2	933.6	933.6
27.5°	1214.4	1183.2	1133.5	1095.4	1051.4	1005.2	964.8	931.3	915.1	909.3	907.0
30°	1274.4	1229.4	1165.8	1113.8	1053.8	994.8	942.8	903.5	879.3	865.4	866.6
32.5°	1336.8	1280.2	1195.9	1125.4	1050.3	975.2	909.3	859.6	828.4	815.7	811.1
35°	1400.4	1328.7	1222.4	1131.2	1038.7	945.1	866.6	811.1	776.5	758.0	758.0
37.5°	1465.1	1379.6	1240.9	1130.0	1017.9	905.9	816.9	758.0	717.5	694.4	688.6
40°	1528.6	1427.0	1254.8	1120.8	986.7	858.5	763.7	700.2	645.9	615.8	611.2
42.5°	1591.0	1466.2	1261.7	1105.8	949.8	806.5	703.7	618.2	566.2	538.4	537.3
45°	1647.6	1497.4	1262.9	1086.1	901.2	747.6	622.8	540.7	488.7	459.9	459.9
47.5°	1703.1	1532.1	1261.7	1060.7	848.1	671.3	537.3	457.6	410.2	391.7	385.9
50°	1770.1	1566.8	1260.6	1029.5	779.9	580.0	454.1	385.9	345.5	327.0	327.0
52.5°	1838.3	1607.2	1262.9	985.6	699.0	491.1	380.1	320.1	293.5	281.9	280.8
55°	1926.1	1650.0	1268.7	933.6	614.7	404.4	316.6	276.1	257.7	251.9	253.0
57.5°	2032.4	1708.9	1280.2	872.4	516.5	331.6	271.5	249.6	245.0	247.3	248.4
60°	2153.7	1781.7	1296.4	803.0	429.8	276.1	245.0	240.3	245.0	254.2	255.4
62.5°	2294.7	1869.5	1317.2	725.6	344.3	242.6	233.4	236.9	240.3	255.4	256.5
65°	2419.5	1964.2	1321.8	634.3	279.6	220.7	226.5	228.8	238.0	255.4	256.5
67°	2490.0	2028.9	1290.6	547.7	239.2	209.1	217.2	219.5	235.7	253.0	255.4
67.5°	2498.0	2042.8	1269.8	525.7	231.1	206.8	214.9	219.5	235.7	253.0	254.2
70°	2473.8	2033.6	1131.2	396.3	190.6	190.6	199.9	210.3	226.5	245.0	253.0
72.5°	2257.7	1854.5	875.8	269.2	161.8	172.2	186.0	201.0	216.1	238.0	251.9
75°	1427.0	1193.6	536.1	180.2	135.2	153.7	175.6	193.0	205.7	221.8	231.1
77.5°	762.6	590.4	231.1	106.3	106.3	136.3	162.9	179.1	186.0	191.8	197.6
80°	360.5	275.0	112.1	63.5	73.9	106.3	144.4	161.8	164.1	171.0	173.3
82.5°	71.6	62.4	37.0	33.5	48.5	76.3	120.2	139.8	141.0	152.5	154.8
85°	9.2	8.1	5.8	12.7	31.2	56.6	92.4	120.2	122.5	122.5	120.2
87.5°	4.6	3.5	3.5	9.2	23.1	42.8	76.3	100.5	101.7	79.7	77.4
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)