

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: P1211800

Luminaire Tested: **GKO-PB2B-835-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211800
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-835-U-T4W
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

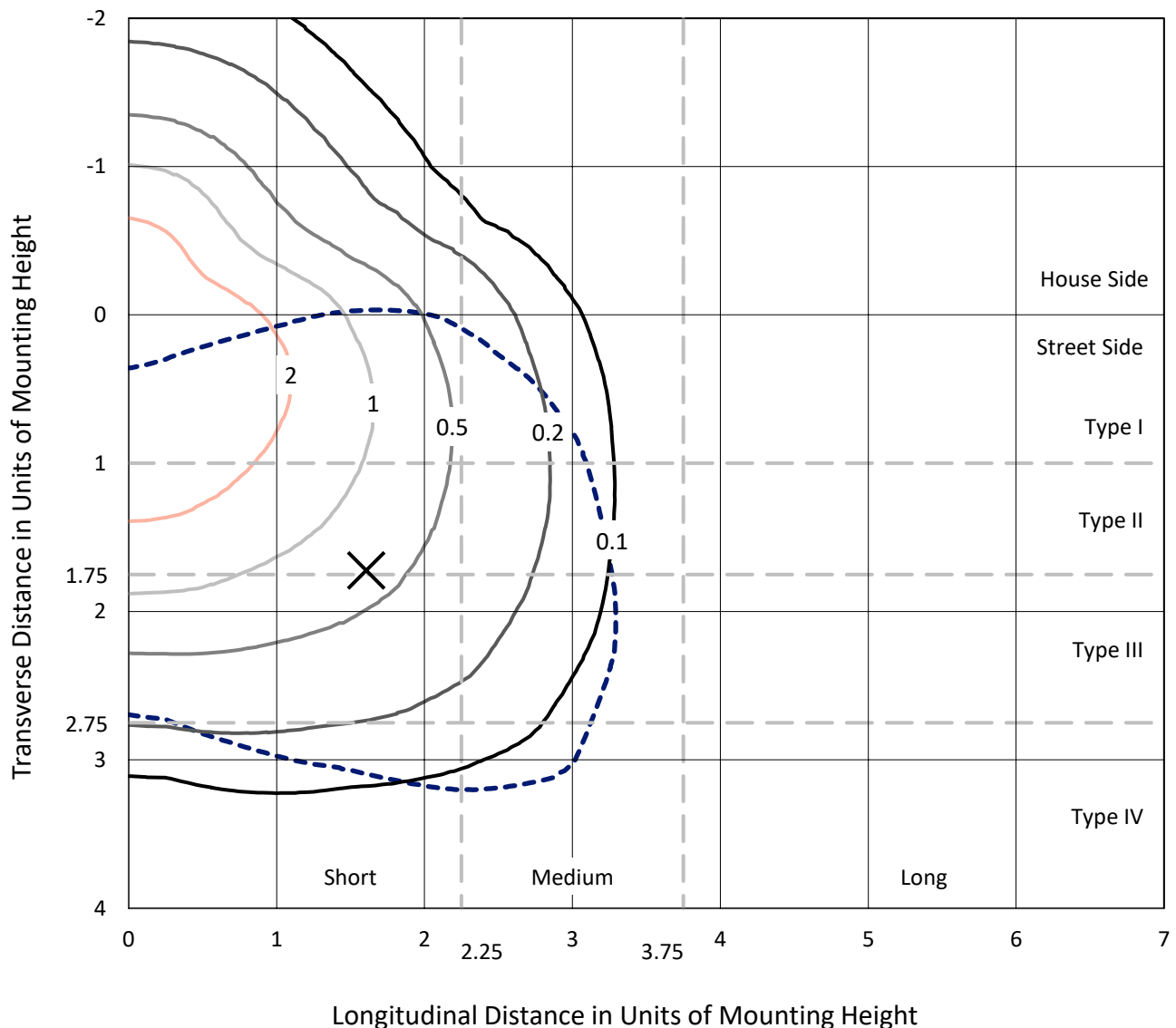
Lumens per Lamp: N/A
Luminaire Lumens: 5506.8 lumens
Efficiency: N/A
Efficacy: 131.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 41.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
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

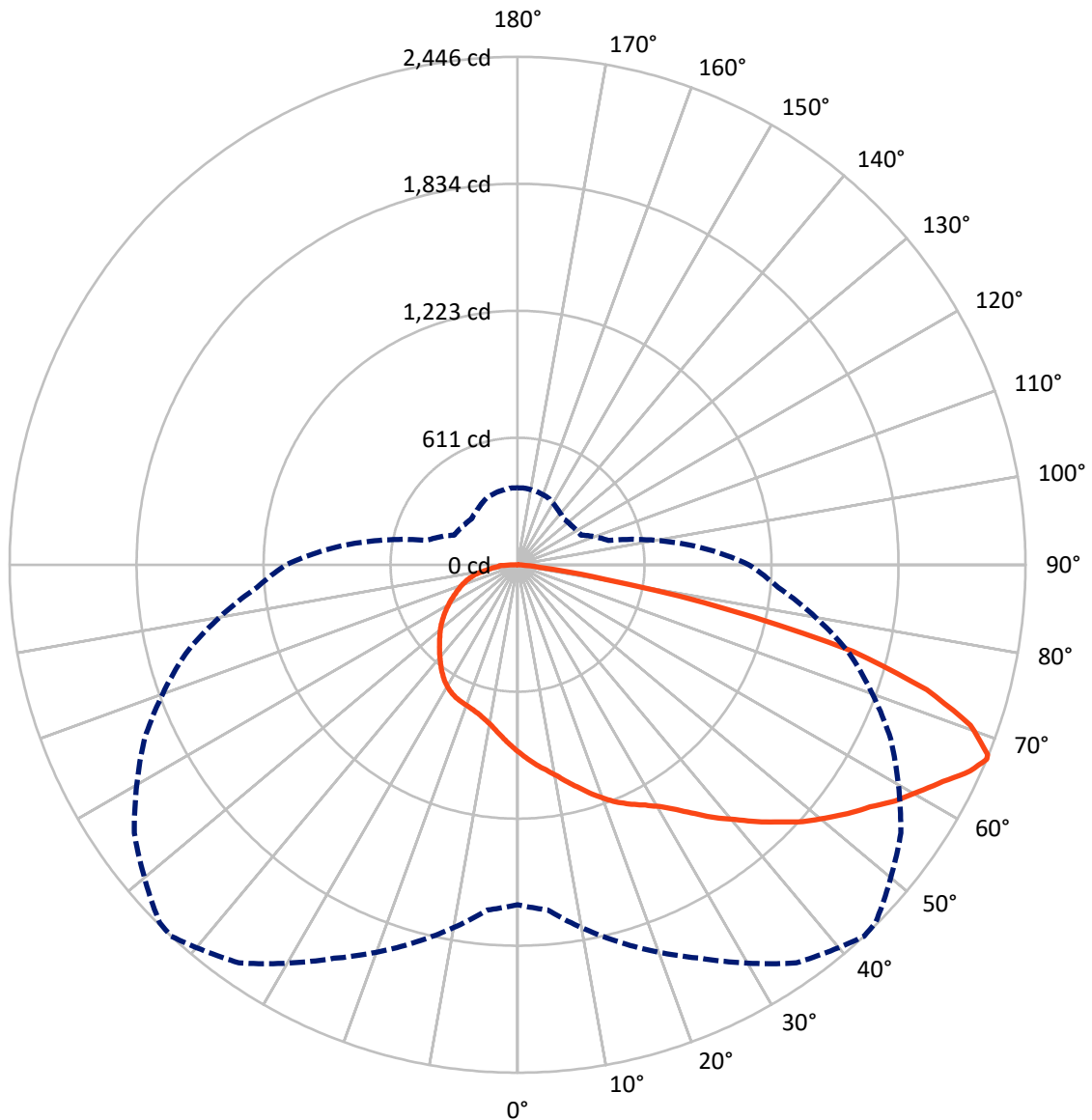
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 43-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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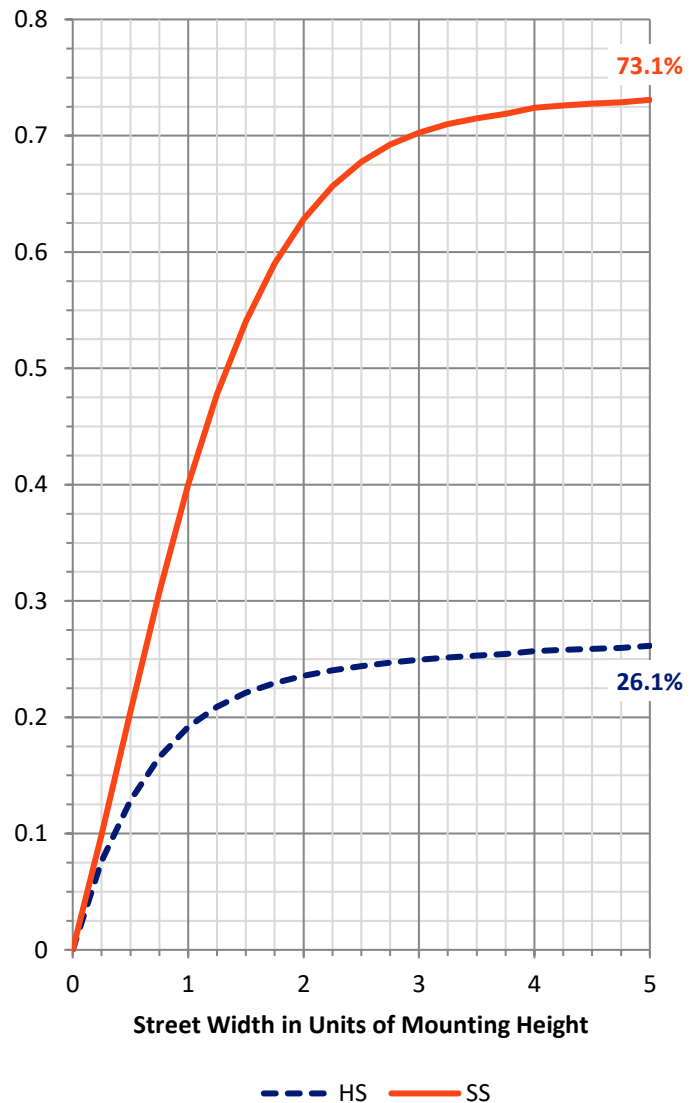
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1481.2	0.0	1481.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4025.7	0.0	4025.7
	% Fixture	73.1	0.0	73.1
Total	Lumens	5506.8	0.0	5506.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.4	1.6
10°-20°	265.5	4.8
20°-30°	459.7	8.3
30°-40°	682.3	12.4
40°-50°	926.8	16.8
50°-60°	1137.8	20.7
60°-70°	1199.2	21.8
70°-80°	661.9	12.0
80°-90°	87.2	1.6
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°	5506.8	100.0
0°-180°	5506.8	100.0



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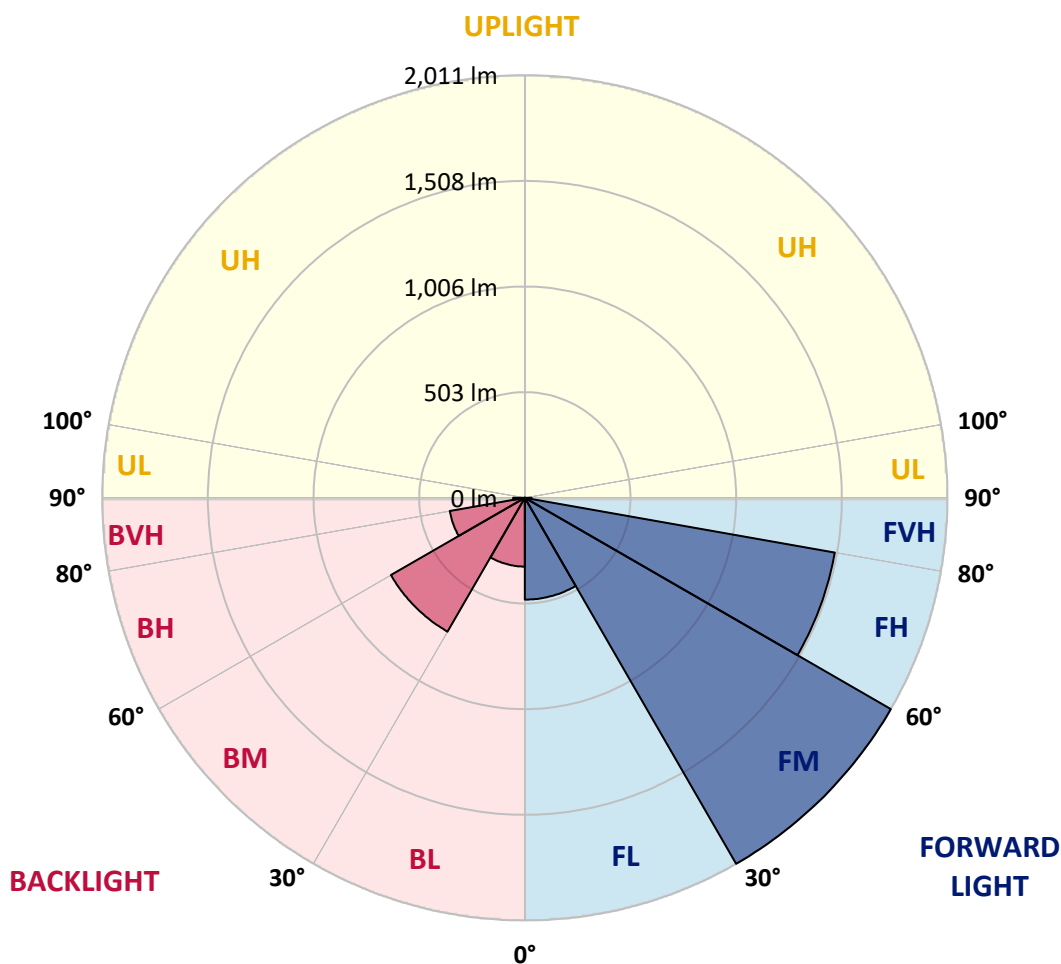
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	484.5	8.8			
FM	(30°-60°)	2011.3	36.5			
FH	(60°-80°)	1498.1	27.2			G1/1800
FVH	(80°-90°)	31.9	0.6			G1/100
BL	(0°-30°)	327.2	5.9	B1/500		
BM	(30°-60°)	735.6	13.4	B1/1000		
BH	(60°-80°)	363.0	6.6	B1/500		G1/500
BVH	(80°-90°)	55.3	1.0			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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9
2.5°	945.7	948.0	945.7	943.5	939.1	936.9	934.7	929.2	922.6	912.7	905.0
5°	987.6	987.6	984.3	982.1	975.5	968.9	965.6	952.4	938.0	921.5	906.1
7.5°	1026.2	1030.6	1025.1	1019.6	1009.7	998.7	996.5	976.6	956.8	934.7	911.6
10°	1074.7	1078.0	1070.3	1065.9	1047.2	1032.8	1028.4	1004.2	977.7	950.2	920.4
12.5°	1124.3	1126.5	1121.0	1111.1	1091.2	1073.6	1067.0	1035.0	1000.9	967.8	930.3
15°	1167.3	1169.5	1167.3	1156.3	1137.5	1115.5	1106.7	1071.4	1029.5	986.5	942.4
17.5°	1199.3	1203.7	1203.7	1198.2	1181.6	1160.7	1155.2	1111.1	1062.6	1008.6	956.8
20°	1226.8	1229.0	1233.4	1230.1	1221.3	1203.7	1196.0	1154.1	1095.7	1033.9	971.1
22.5°	1248.9	1251.1	1258.8	1257.7	1252.2	1243.4	1235.6	1197.1	1134.2	1059.3	984.3
25°	1287.4	1286.3	1290.8	1287.4	1280.8	1277.5	1273.1	1239.0	1172.8	1089.0	1002.0
27.5°	1354.7	1352.5	1348.1	1331.5	1315.0	1310.6	1307.3	1283.0	1218.0	1123.2	1021.8
30°	1453.9	1456.1	1435.2	1397.7	1364.6	1351.4	1347.0	1330.4	1268.7	1162.9	1043.8
32.5°	1571.8	1570.7	1536.6	1483.7	1431.8	1405.4	1396.6	1378.9	1319.4	1202.6	1069.2
35°	1656.7	1654.5	1636.9	1589.5	1535.5	1472.6	1456.1	1428.5	1373.4	1247.8	1094.6
37.5°	1771.3	1768.0	1733.9	1684.3	1635.8	1545.4	1526.6	1489.2	1425.2	1291.9	1123.2
40°	1902.5	1881.6	1825.4	1774.7	1708.5	1612.6	1597.2	1548.7	1484.8	1345.9	1156.3
42.5°	2021.6	1990.7	1917.9	1854.0	1771.3	1692.0	1672.1	1614.8	1542.1	1395.5	1190.5
45°	2200.1	2125.2	2020.5	1983.0	1839.7	1766.9	1750.4	1679.9	1604.9	1449.5	1224.6
47.5°	2178.1	2125.2	2091.0	2086.6	1911.3	1848.5	1824.3	1751.5	1672.1	1506.8	1259.9
50°	2221.1	2179.2	2181.4	2127.4	1976.4	1917.9	1900.3	1826.5	1740.5	1563.0	1297.4
52.5°	2212.3	2224.4	2217.8	2134.0	2039.2	1990.7	1977.5	1903.6	1805.5	1617.0	1330.4
55°	2282.8	2276.2	2261.9	2179.2	2108.6	2059.0	2048.0	1984.1	1871.7	1663.3	1359.1
57.5°	2334.6	2300.4	2299.3	2229.9	2185.8	2145.0	2127.4	2066.8	1933.4	1704.1	1381.1
60°	2302.6	2261.9	2291.6	2237.6	2233.2	2217.8	2207.8	2139.5	1988.5	1735.0	1390.0
62.5°	2131.8	2141.7	2229.9	2226.6	2285.0	2299.3	2288.3	2190.2	2024.9	1746.0	1383.3
65°	1905.8	1935.6	2071.2	2186.9	2345.6	2395.2	2384.2	2226.6	2021.6	1720.6	1339.3
67°	1636.9	1668.8	1880.5	2091.0	2340.1	2445.9	2438.2	2253.0	1981.9	1655.6	1259.9
67.5°	1577.3	1613.7	1825.4	2046.9	2320.3	2441.5	2436.0	2255.2	1968.7	1624.7	1229.0
70°	1160.7	1203.7	1502.4	1798.9	2161.5	2313.7	2312.6	2172.6	1832.0	1457.2	1065.9
72.5°	723.1	761.7	1071.4	1403.2	1872.8	2060.1	2052.4	1892.6	1577.3	1189.3	841.0
75°	443.1	467.4	674.6	914.9	1358.0	1667.7	1678.8	1479.2	1075.8	706.6	475.1
77.5°	271.2	297.6	425.5	564.4	830.0	1037.2	1039.4	820.1	552.2	384.7	260.1
80°	151.0	157.6	221.6	295.4	425.5	427.7	410.0	361.5	286.6	185.2	133.4
82.5°	59.5	63.9	95.9	119.0	121.2	126.8	117.9	106.9	90.4	59.5	41.9
85°	0.0	0.0	0.0	2.2	7.7	15.4	15.4	11.0	4.4	3.3	3.3
87.5°	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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°	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9	903.9
2.5°	902.8	901.7	893.9	885.1	878.5	873.0	867.5	860.9	860.9	863.1	862.0
5°	900.6	895.0	880.7	865.3	853.2	842.1	832.2	823.4	822.3	823.4	824.5
7.5°	901.7	891.7	869.7	846.5	826.7	812.4	798.0	791.4	790.3	790.3	790.3
10°	906.1	891.7	862.0	830.0	805.8	784.8	769.4	762.8	763.9	765.0	766.1
12.5°	913.8	893.9	856.5	815.7	784.8	763.9	748.4	742.9	747.3	752.8	754.0
15°	921.5	898.3	851.0	803.6	768.3	745.1	734.1	733.0	740.7	750.6	752.8
17.5°	930.3	901.7	844.3	788.1	750.6	731.9	726.4	729.7	741.8	757.3	760.6
20°	939.1	906.1	836.6	773.8	734.1	720.9	724.2	734.1	749.5	768.3	771.6
22.5°	948.0	909.4	826.7	756.2	716.5	712.1	724.2	740.7	756.2	777.1	781.5
25°	957.9	913.8	814.6	734.1	698.8	702.1	723.1	742.9	759.5	781.5	787.0
27.5°	973.3	920.4	802.5	714.3	679.0	690.0	717.6	741.8	759.5	780.4	787.0
30°	988.7	927.0	792.5	693.3	659.2	673.5	706.6	736.3	754.0	772.7	781.5
32.5°	1006.4	935.8	783.7	672.4	637.1	654.7	691.1	724.2	745.1	761.7	770.5
35°	1025.1	949.1	777.1	653.6	615.1	630.5	668.0	708.8	729.7	745.1	752.8
37.5°	1049.4	963.4	772.7	634.9	591.9	605.1	643.7	686.7	711.0	723.1	733.0
40°	1075.8	984.3	772.7	619.5	569.9	578.7	618.4	664.7	688.9	698.8	708.8
42.5°	1102.3	1005.3	771.6	604.0	546.7	553.3	593.0	640.4	663.6	671.3	679.0
45°	1133.1	1029.5	770.5	586.4	521.4	528.0	568.8	616.2	638.2	644.8	651.4
47.5°	1166.2	1053.8	766.1	564.4	498.2	503.7	544.5	588.6	610.7	618.4	625.0
50°	1196.0	1076.9	755.1	539.0	477.3	482.8	519.2	555.5	575.4	584.2	590.8
52.5°	1222.4	1093.5	737.4	510.4	454.1	460.7	488.3	520.3	535.7	542.3	546.7
55°	1243.4	1102.3	708.8	482.8	432.1	435.4	457.4	486.1	498.2	499.3	502.6
57.5°	1257.7	1101.2	670.2	450.8	410.0	411.1	426.6	451.9	460.7	459.6	461.9
60°	1261.0	1086.8	623.9	421.1	388.0	384.7	400.1	417.8	423.3	427.7	433.2
62.5°	1247.8	1052.7	571.0	391.3	366.0	360.4	371.5	386.9	395.7	397.9	400.1
65°	1199.3	989.8	507.0	360.4	343.9	334.0	346.1	368.2	382.5	386.9	385.8
67°	1114.4	901.7	451.9	337.3	321.9	313.0	330.7	353.8	363.7	370.4	370.4
67.5°	1086.8	869.7	433.2	329.6	316.4	308.6	325.2	347.2	360.4	368.2	368.2
70°	922.6	713.2	366.0	291.0	284.4	285.5	305.3	329.6	346.1	353.8	353.8
72.5°	703.2	552.2	297.6	253.5	251.3	259.0	284.4	306.4	327.4	340.6	339.5
75°	399.0	318.6	217.1	207.2	216.0	231.5	263.4	287.7	306.4	319.7	318.6
77.5°	232.6	191.8	149.9	142.2	167.5	202.8	235.9	266.7	280.0	284.4	281.1
80°	117.9	100.3	93.7	97.0	112.4	151.0	206.1	242.5	252.4	255.7	252.4
82.5°	37.5	34.2	37.5	49.6	75.0	119.0	166.4	219.4	231.5	231.5	230.4
85°	2.2	2.2	2.2	22.0	51.8	88.2	130.1	191.8	217.1	214.9	211.6
87.5°	1.1	1.1	1.1	14.3	40.8	73.9	114.6	174.2	207.2	191.8	180.8
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)