

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: P1212040

Luminaire Tested: **GKO-PB2B-835-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212040
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-T1
Description: GEKKO WALL PACK 6000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

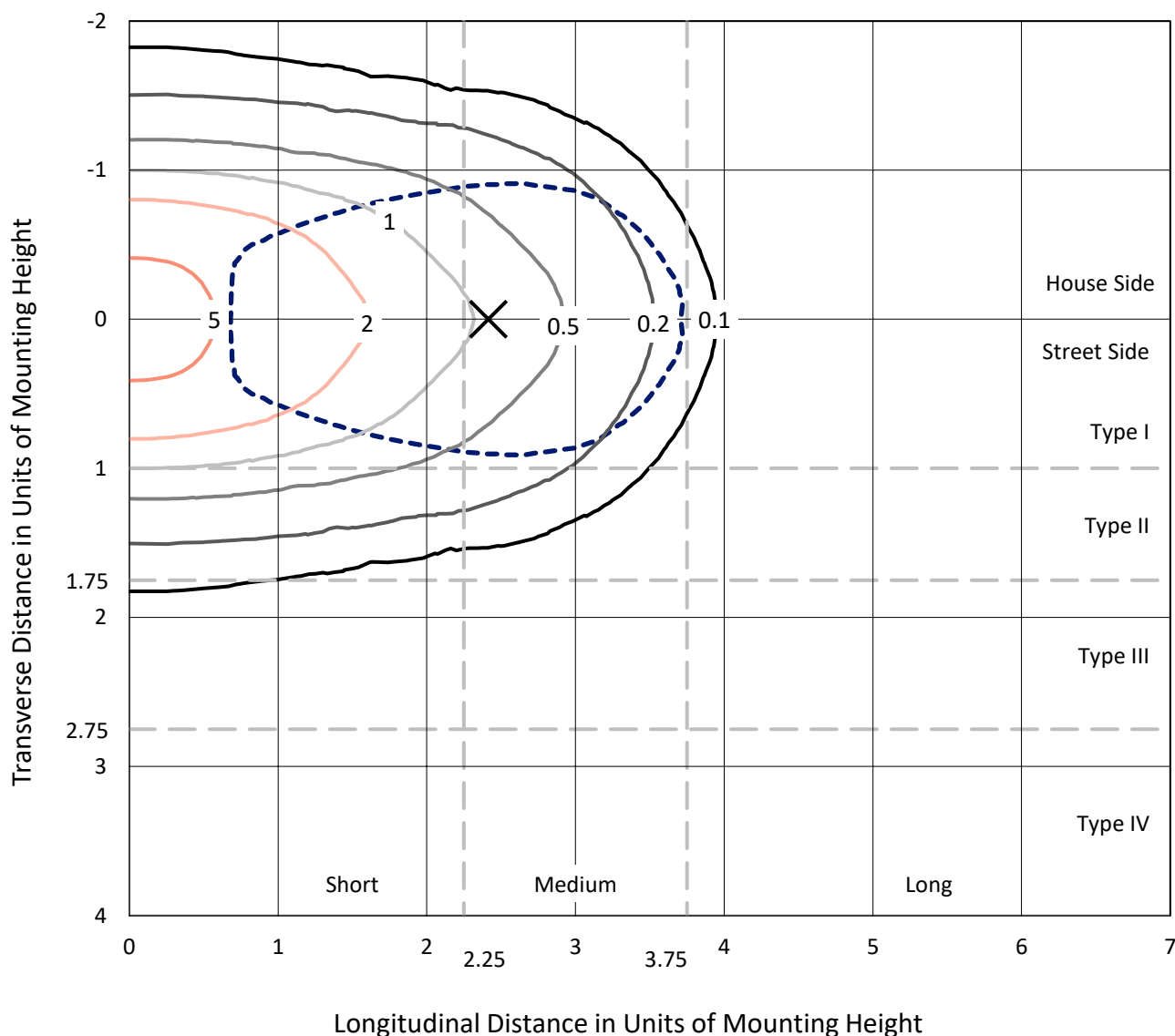
Lumens per Lamp: N/A
Luminaire Lumens: 5980.9 lumens
Efficiency: N/A
Efficacy: 143.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 41.8
Input Voltage (V): 120
Input Current (A_{in}): 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

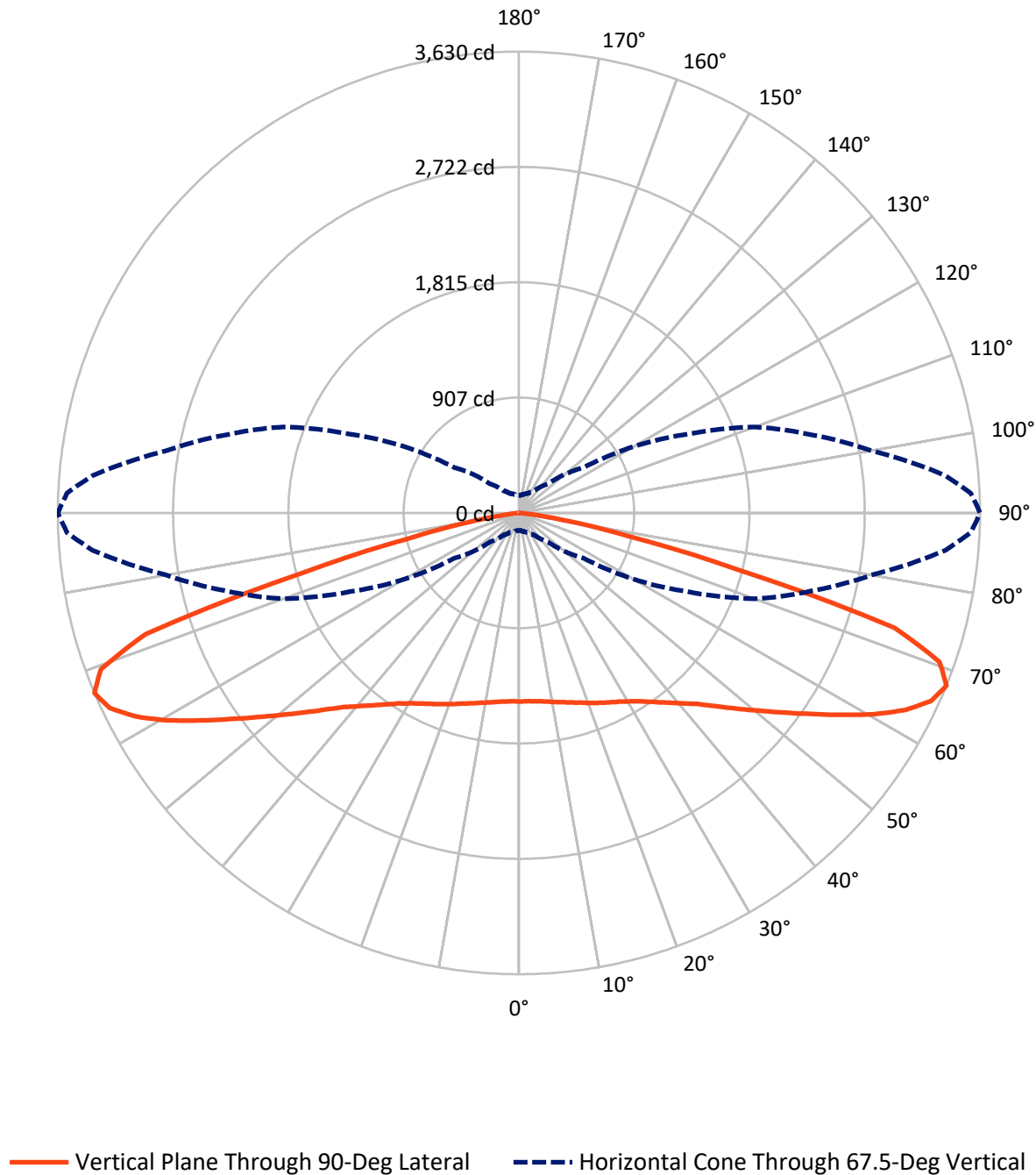
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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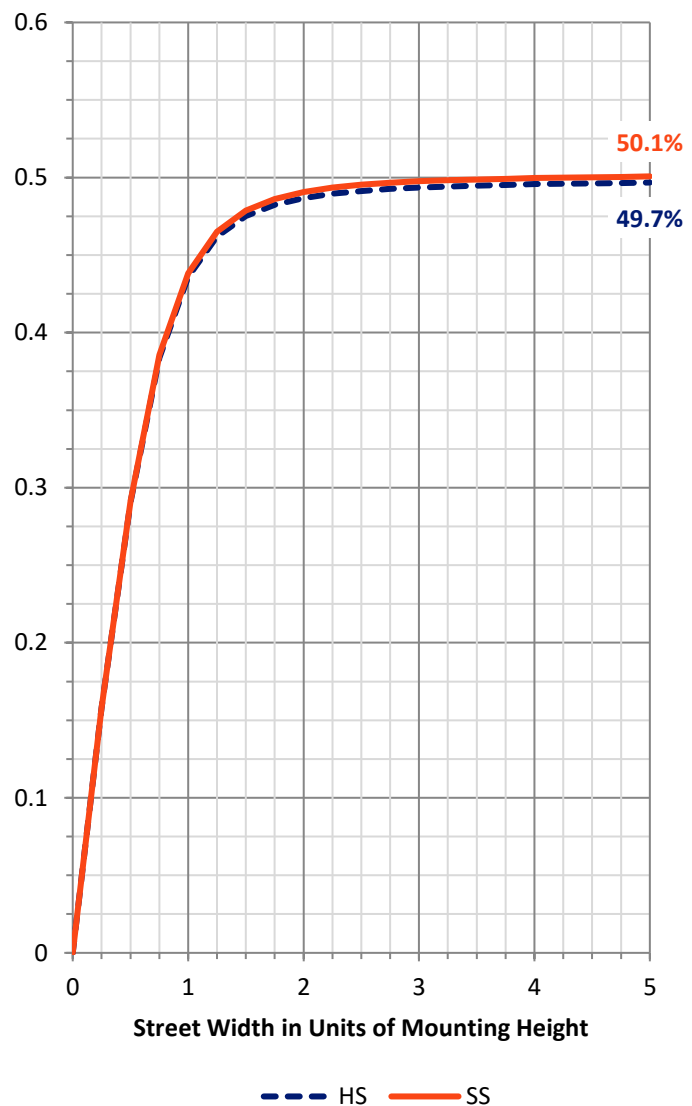
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2990.5	0.0	2990.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2990.5	0.0	2990.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5980.9	0.0	5980.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.3	2.4
10°-20°	428.9	7.2
20°-30°	713.2	11.9
30°-40°	947.5	15.8
40°-50°	1068.2	17.9
50°-60°	1098.4	18.4
60°-70°	1038.0	17.4
70°-80°	508.1	8.5
80°-90°	36.3	0.6
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°	5980.9	100.0
0°-180°	5980.9	100.0

Coefficient of Utilization



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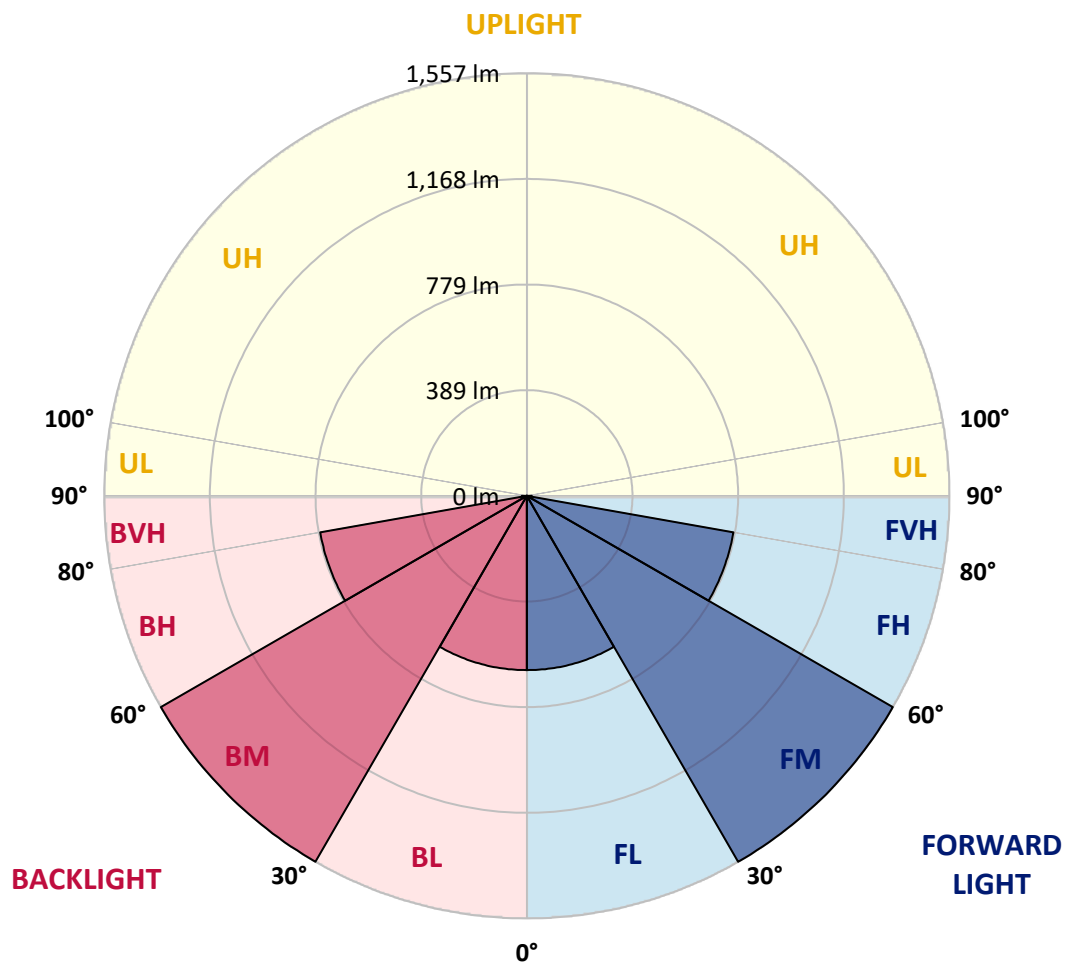
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	642.2	10.7			
FM	(30°-60°)	1557.0	26.0			
FH	(60°-80°)	773.1	12.9			G1/1800
FVH	(80°-90°)	18.2	0.3			G1/100
BL	(0°-30°)	642.2	10.7	B2/1000		
BM	(30°-60°)	1557.0	26.0	B2/2500		
BH	(60°-80°)	773.1	12.9	B2/1000		G2/1000
BVH	(80°-90°)	18.2	0.3			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 I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1	1484.1
2.5°	1485.2	1487.4	1483.0	1483.0	1485.2	1486.3	1486.3	1487.4	1485.2	1485.2	1484.1
5°	1485.2	1486.3	1484.1	1484.1	1486.3	1489.6	1488.5	1490.7	1490.7	1489.6	1489.6
7.5°	1484.1	1486.3	1484.1	1485.2	1488.5	1495.1	1495.1	1495.1	1497.3	1499.5	1499.5
10°	1483.0	1485.2	1486.3	1487.4	1491.8	1501.7	1504.0	1505.1	1508.4	1511.7	1511.7
12.5°	1477.5	1479.7	1483.0	1487.4	1495.1	1508.4	1512.8	1516.1	1521.6	1524.9	1527.1
15°	1469.8	1470.9	1478.6	1487.4	1499.5	1516.1	1524.9	1530.4	1538.1	1542.5	1545.9
17.5°	1458.7	1459.8	1472.0	1485.2	1502.9	1526.0	1540.3	1549.2	1556.9	1563.5	1567.9
20°	1444.4	1447.7	1462.1	1483.0	1508.4	1535.9	1556.9	1572.3	1580.0	1586.6	1593.3
22.5°	1426.8	1430.1	1447.7	1477.5	1513.9	1549.2	1576.7	1596.6	1606.5	1615.3	1623.0
25°	1400.3	1404.7	1425.7	1464.3	1516.1	1563.5	1598.8	1624.1	1633.0	1644.0	1650.6
27.5°	1359.5	1362.8	1388.2	1437.8	1509.5	1578.9	1624.1	1653.9	1663.8	1676.0	1682.6
30°	1295.6	1302.2	1333.0	1394.8	1492.9	1591.1	1653.9	1683.7	1695.8	1707.9	1716.8
32.5°	1212.9	1222.8	1257.0	1336.4	1461.0	1595.5	1685.9	1720.1	1735.5	1748.7	1759.8
35°	1110.3	1120.2	1161.0	1261.4	1410.2	1586.6	1717.9	1762.0	1780.7	1798.3	1811.6
37.5°	993.4	1002.3	1051.9	1166.6	1337.5	1559.1	1743.2	1808.3	1833.6	1856.8	1874.4
40°	875.5	885.4	939.4	1061.8	1249.3	1506.2	1754.2	1859.0	1891.0	1920.7	1942.8
42.5°	747.6	759.7	820.3	950.4	1146.7	1433.4	1745.4	1908.6	1948.3	1989.1	2022.2
45°	634.0	636.2	702.4	828.1	1034.2	1339.7	1714.6	1956.0	2010.0	2067.4	2114.8
47.5°	524.8	529.3	586.6	711.2	917.4	1233.8	1658.3	1993.5	2079.5	2153.4	2222.9
50°	427.8	433.3	485.1	596.5	800.5	1118.0	1582.2	2015.6	2139.1	2239.4	2336.4
52.5°	348.4	355.0	398.0	496.2	682.5	996.8	1488.5	2018.9	2193.1	2325.4	2454.4
55°	290.0	294.4	327.5	405.8	568.9	871.1	1381.6	2002.3	2228.4	2402.6	2574.6
57.5°	244.8	249.2	272.3	334.1	466.4	742.1	1251.5	1963.7	2247.1	2469.8	2695.9
60°	212.8	216.1	232.6	276.8	383.7	620.8	1111.4	1895.4	2241.6	2511.7	2796.2
62.5°	189.6	190.8	205.1	236.0	316.4	506.1	953.8	1792.8	2196.4	2517.2	2864.6
65°	168.7	169.8	178.6	200.7	260.2	406.9	789.5	1651.7	2110.4	2478.7	2874.5
67.5°	136.7	138.9	152.2	168.7	213.9	322.0	621.9	1466.5	1975.9	2378.3	2818.3
70°	109.2	110.3	123.5	142.2	174.2	253.6	477.4	1217.3	1765.3	2215.1	2672.7
72.5°	81.6	83.8	95.9	114.7	142.2	196.3	345.1	920.7	1411.3	1867.8	2327.6
75°	65.1	66.2	70.6	88.2	110.3	148.9	232.6	557.9	850.1	1155.5	1426.8
77.5°	55.1	56.2	56.2	68.4	81.6	100.3	123.5	221.6	359.4	511.6	678.1
80°	45.2	47.4	43.0	50.7	58.4	58.4	57.3	105.9	169.8	240.4	315.3
82.5°	33.1	35.3	33.1	35.3	35.3	32.0	29.8	39.7	54.0	73.9	80.5
85°	23.2	24.3	26.5	24.3	23.2	18.7	14.3	11.0	6.6	7.7	11.0
87.5°	15.4	18.7	22.1	20.9	17.6	14.3	9.9	6.6	3.3	4.4	4.4
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):

	85°	87.5°	90°
0°	1484.1	1484.1	1484.1
2.5°	1485.2	1484.1	1483.0
5°	1490.7	1489.6	1488.5
7.5°	1498.4	1498.4	1498.4
10°	1510.6	1512.8	1512.8
12.5°	1526.0	1528.2	1528.2
15°	1544.8	1545.9	1548.1
17.5°	1567.9	1569.0	1569.0
20°	1595.5	1594.4	1596.6
22.5°	1623.0	1623.0	1623.0
25°	1651.7	1651.7	1651.7
27.5°	1684.8	1684.8	1682.6
30°	1721.2	1721.2	1721.2
32.5°	1765.3	1766.4	1767.5
35°	1821.5	1823.7	1827.0
37.5°	1885.5	1891.0	1894.3
40°	1961.5	1963.7	1969.3
42.5°	2046.4	2053.1	2054.2
45°	2152.3	2163.3	2167.7
47.5°	2276.9	2292.3	2300.0
50°	2415.8	2433.5	2444.5
52.5°	2566.9	2595.5	2608.8
55°	2727.8	2777.5	2791.8
57.5°	2909.8	2977.0	2996.9
60°	3088.4	3183.2	3215.2
62.5°	3240.6	3374.0	3413.7
65°	3347.5	3508.5	3566.9
67.5°	3369.6	3560.3	3629.8
70°	3237.2	3432.4	3512.9
72.5°	2815.0	2991.4	3091.7
75°	1662.7	1789.5	1758.7
77.5°	834.7	871.1	876.6
80°	366.1	388.1	396.9
82.5°	90.4	92.6	104.7
85°	12.1	14.3	13.2
87.5°	4.4	4.4	5.5
90°	0.0	0.0	0.0

(END OF REPORT)