

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: P1211761

Luminaire Tested: **GKO-PB1F-850-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211761
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-850-U-T1
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 5000K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

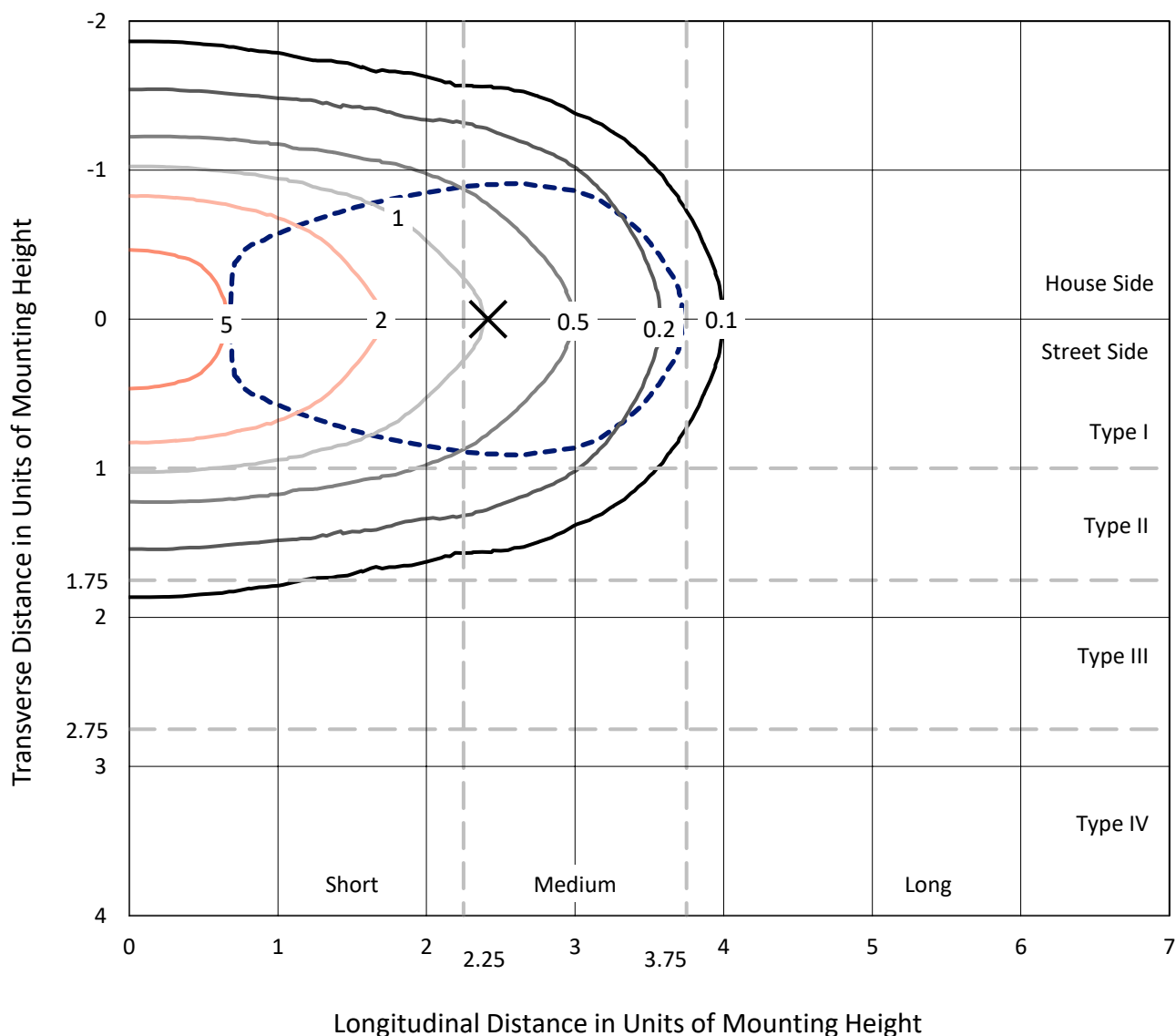
Lumens per Lamp: N/A
Luminaire Lumens: 6472.8 lumens
Efficiency: N/A
Efficacy: 118.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

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

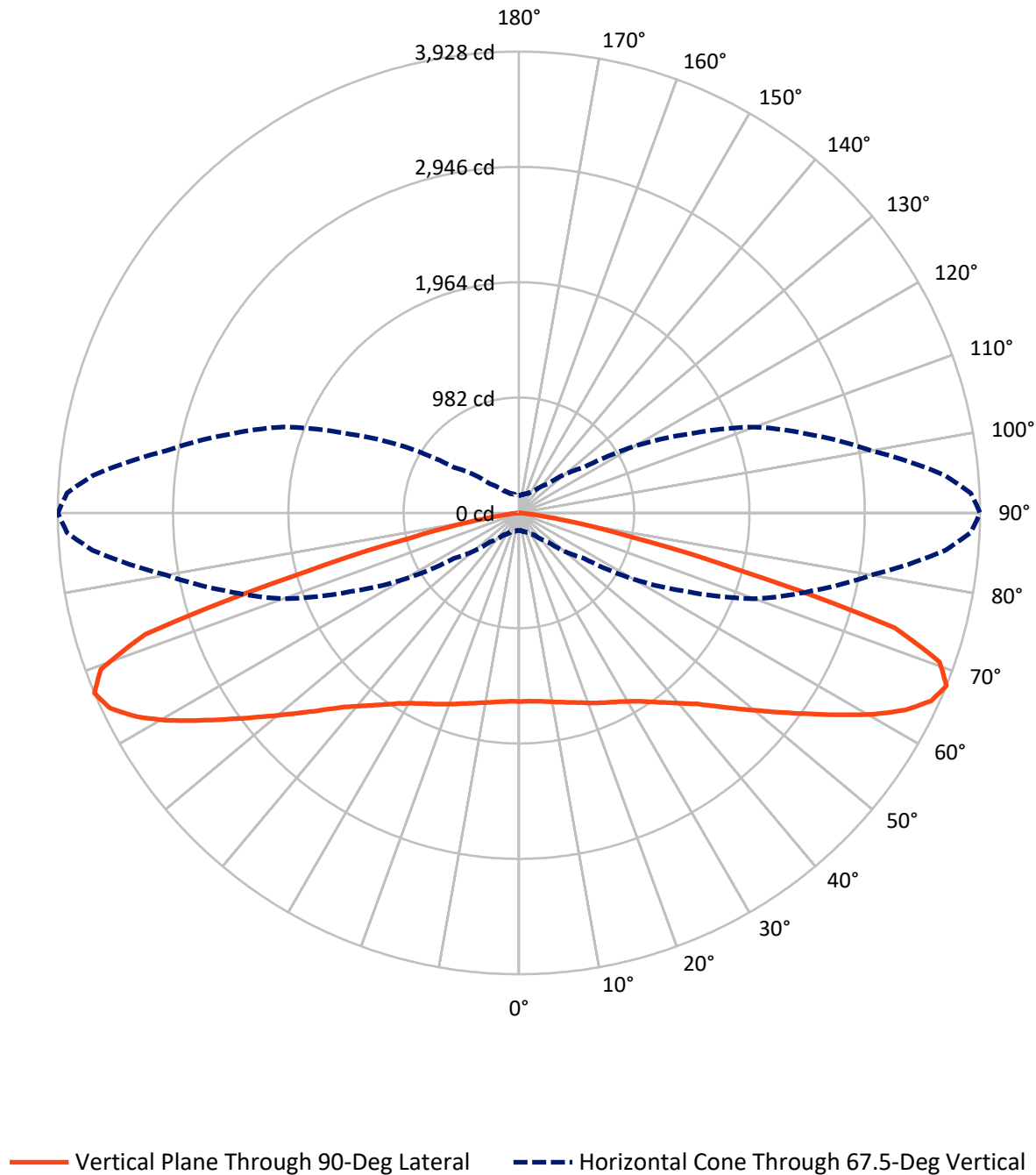
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.1 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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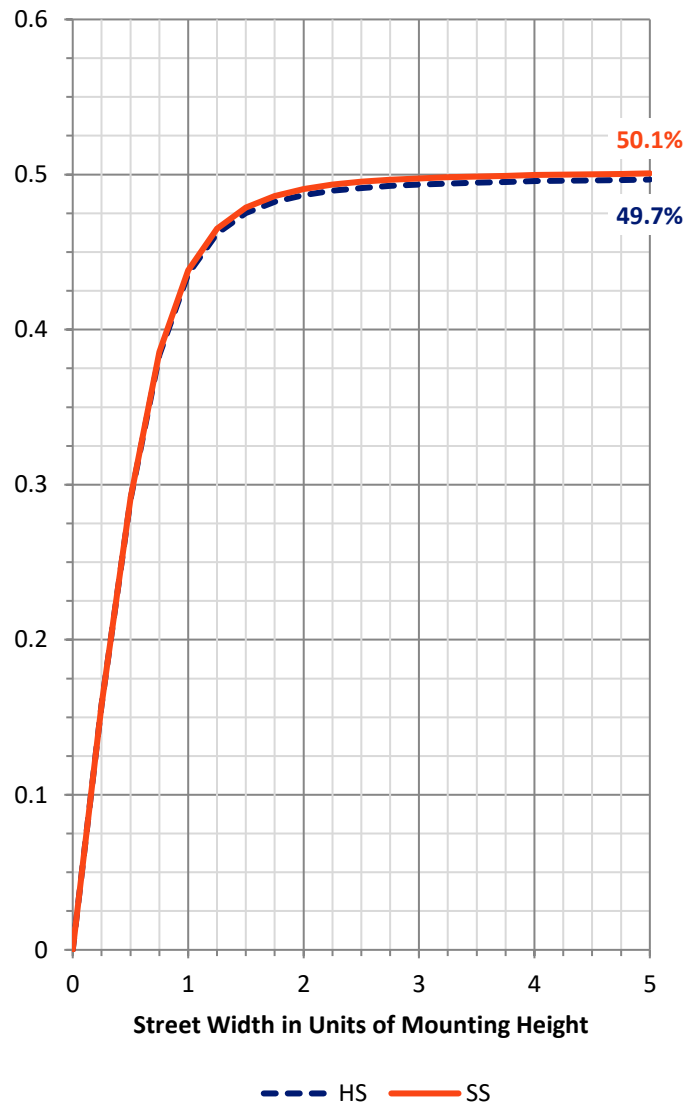
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3236.4	0.0	3236.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3236.4	0.0	3236.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6472.8	0.0	6472.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.0	2.4
10°-20°	464.2	7.2
20°-30°	771.9	11.9
30°-40°	1025.4	15.8
40°-50°	1156.0	17.9
50°-60°	1188.7	18.4
60°-70°	1123.3	17.4
70°-80°	549.9	8.5
80°-90°	39.3	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°	6472.8	100.0
0°-180°	6472.8	100.0

Coefficient of Utilization



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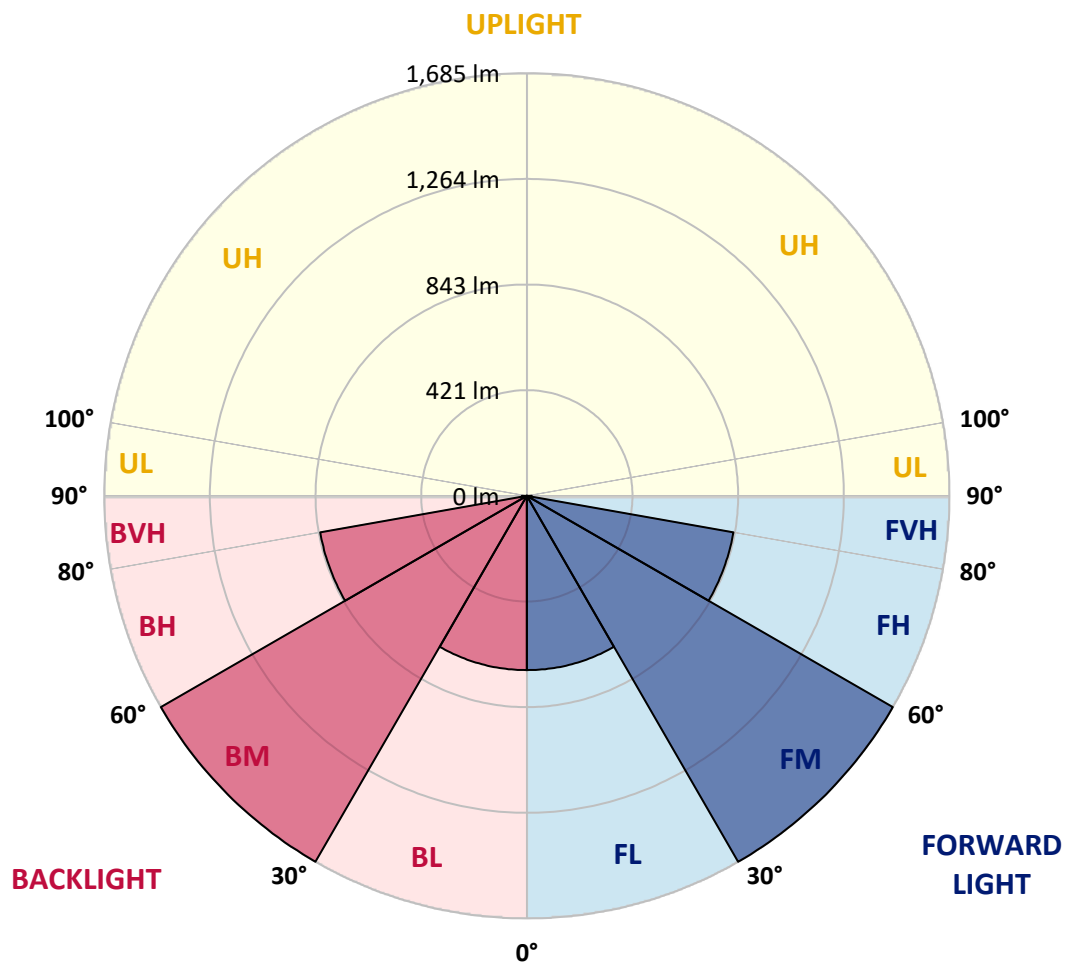
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	695.0	10.7			
FM	(30°-60°)	1685.0	26.0			
FH	(60°-80°)	836.6	12.9			G1/1800
FVH	(80°-90°)	19.7	0.3			G1/100
BL	(0°-30°)	695.0	10.7	B2/1000		
BM	(30°-60°)	1685.0	26.0	B2/2500		
BH	(60°-80°)	836.6	12.9	B2/1000		G2/1000
BVH	(80°-90°)	19.7	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°	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2	1606.2
2.5°	1607.3	1609.7	1605.0	1605.0	1607.3	1608.5	1608.5	1609.7	1607.3	1607.3	1606.2
5°	1607.3	1608.5	1606.2	1606.2	1608.5	1612.1	1610.9	1613.3	1613.3	1612.1	1612.1
7.5°	1606.2	1608.5	1606.2	1607.3	1610.9	1618.1	1618.1	1618.1	1620.5	1622.9	1622.9
10°	1605.0	1607.3	1608.5	1609.7	1614.5	1625.2	1627.6	1628.8	1632.4	1636.0	1636.0
12.5°	1599.0	1601.4	1605.0	1609.7	1618.1	1632.4	1637.2	1640.8	1646.7	1650.3	1652.7
15°	1590.6	1591.8	1600.2	1609.7	1622.9	1640.8	1650.3	1656.3	1664.6	1669.4	1673.0
17.5°	1578.7	1579.9	1593.0	1607.3	1626.4	1651.5	1667.0	1676.6	1684.9	1692.1	1696.8
20°	1563.2	1566.8	1582.3	1605.0	1632.4	1662.2	1684.9	1701.6	1710.0	1717.1	1724.3
22.5°	1544.1	1547.7	1566.8	1599.0	1638.4	1676.6	1706.4	1727.9	1738.6	1748.2	1756.5
25°	1515.5	1520.2	1542.9	1584.7	1640.8	1692.1	1730.3	1757.7	1767.2	1779.2	1786.3
27.5°	1471.3	1474.9	1502.3	1556.0	1633.6	1708.8	1757.7	1789.9	1800.7	1813.8	1820.9
30°	1402.1	1409.3	1442.7	1509.5	1615.7	1721.9	1789.9	1822.1	1835.3	1848.4	1857.9
32.5°	1312.6	1323.3	1360.3	1446.3	1581.1	1726.7	1824.5	1861.5	1878.2	1892.5	1904.5
35°	1201.6	1212.4	1256.5	1365.1	1526.2	1717.1	1859.1	1906.9	1927.1	1946.2	1960.6
37.5°	1075.1	1084.7	1138.4	1262.5	1447.4	1687.3	1886.6	1957.0	1984.4	2009.5	2028.6
40°	947.5	958.2	1016.7	1149.1	1352.0	1630.0	1898.5	2011.9	2046.5	2078.7	2102.6
42.5°	809.0	822.2	887.8	1028.6	1241.0	1551.3	1889.0	2065.6	2108.5	2152.7	2188.5
45°	686.1	688.5	760.1	896.2	1119.3	1449.8	1855.5	2116.9	2175.3	2237.4	2288.7
47.5°	568.0	572.8	634.8	769.7	992.8	1335.3	1794.7	2157.4	2250.5	2330.5	2405.6
50°	463.0	469.0	525.0	645.6	866.3	1210.0	1712.4	2181.3	2315.0	2423.5	2528.6
52.5°	377.1	384.2	430.8	537.0	738.6	1078.7	1610.9	2184.9	2373.4	2516.6	2656.2
55°	313.8	318.6	354.4	439.1	615.7	942.7	1495.2	2167.0	2411.6	2600.2	2786.3
57.5°	264.9	269.7	294.7	361.6	504.8	803.1	1354.4	2125.2	2431.9	2672.9	2917.6
60°	230.3	233.9	251.8	299.5	415.3	671.8	1202.8	2051.2	2425.9	2718.3	3026.2
62.5°	205.2	206.4	221.9	255.4	342.5	547.7	1032.2	1940.3	2377.0	2724.3	3100.1
65°	182.6	183.8	193.3	217.2	281.6	440.3	854.4	1787.5	2283.9	2682.5	3110.9
67.5°	148.0	150.4	164.7	182.6	231.5	348.4	673.0	1587.1	2138.4	2573.9	3050.0
70°	118.1	119.3	133.6	153.9	188.5	274.5	516.7	1317.4	1910.4	2397.3	2892.5
72.5°	88.3	90.7	103.8	124.1	153.9	212.4	373.5	996.4	1527.4	2021.4	2519.0
75°	70.4	71.6	76.4	95.5	119.3	161.1	251.8	603.8	920.0	1250.6	1544.1
77.5°	59.7	60.9	60.9	74.0	88.3	108.6	133.6	239.8	389.0	553.7	733.9
80°	48.9	51.3	46.5	54.9	63.2	63.2	62.1	114.6	183.8	260.1	341.3
82.5°	35.8	38.2	35.8	38.2	38.2	34.6	32.2	43.0	58.5	79.9	87.1
85°	25.1	26.3	28.6	26.3	25.1	20.3	15.5	11.9	7.2	8.4	11.9
87.5°	16.7	20.3	23.9	22.7	19.1	15.5	10.7	7.2	3.6	4.8	4.8
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°	1606.2	1606.2	1606.2
2.5°	1607.3	1606.2	1605.0
5°	1613.3	1612.1	1610.9
7.5°	1621.7	1621.7	1621.7
10°	1634.8	1637.2	1637.2
12.5°	1651.5	1653.9	1653.9
15°	1671.8	1673.0	1675.4
17.5°	1696.8	1698.0	1698.0
20°	1726.7	1725.5	1727.9
22.5°	1756.5	1756.5	1756.5
25°	1787.5	1787.5	1787.5
27.5°	1823.3	1823.3	1820.9
30°	1862.7	1862.7	1862.7
32.5°	1910.4	1911.6	1912.8
35°	1971.3	1973.7	1977.3
37.5°	2040.5	2046.5	2050.1
40°	2122.8	2125.2	2131.2
42.5°	2214.7	2221.9	2223.1
45°	2329.3	2341.2	2346.0
47.5°	2464.1	2480.8	2489.2
50°	2614.5	2633.6	2645.5
52.5°	2778.0	2809.0	2823.3
55°	2952.2	3005.9	3021.4
57.5°	3149.1	3221.9	3243.3
60°	3342.4	3445.0	3479.6
62.5°	3507.0	3651.4	3694.4
65°	3622.8	3797.0	3860.3
67.5°	3646.7	3853.1	3928.3
70°	3503.5	3714.7	3801.8
72.5°	3046.4	3237.4	3346.0
75°	1799.5	1936.7	1903.3
77.5°	903.3	942.7	948.7
80°	396.2	420.0	429.6
82.5°	97.8	100.2	113.4
85°	13.1	15.5	14.3
87.5°	4.8	4.8	6.0
90°	0.0	0.0	0.0

(END OF REPORT)