

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: P1211756

Luminaire Tested: **GKO-PB1F-735-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211756
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-735-U-T1
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

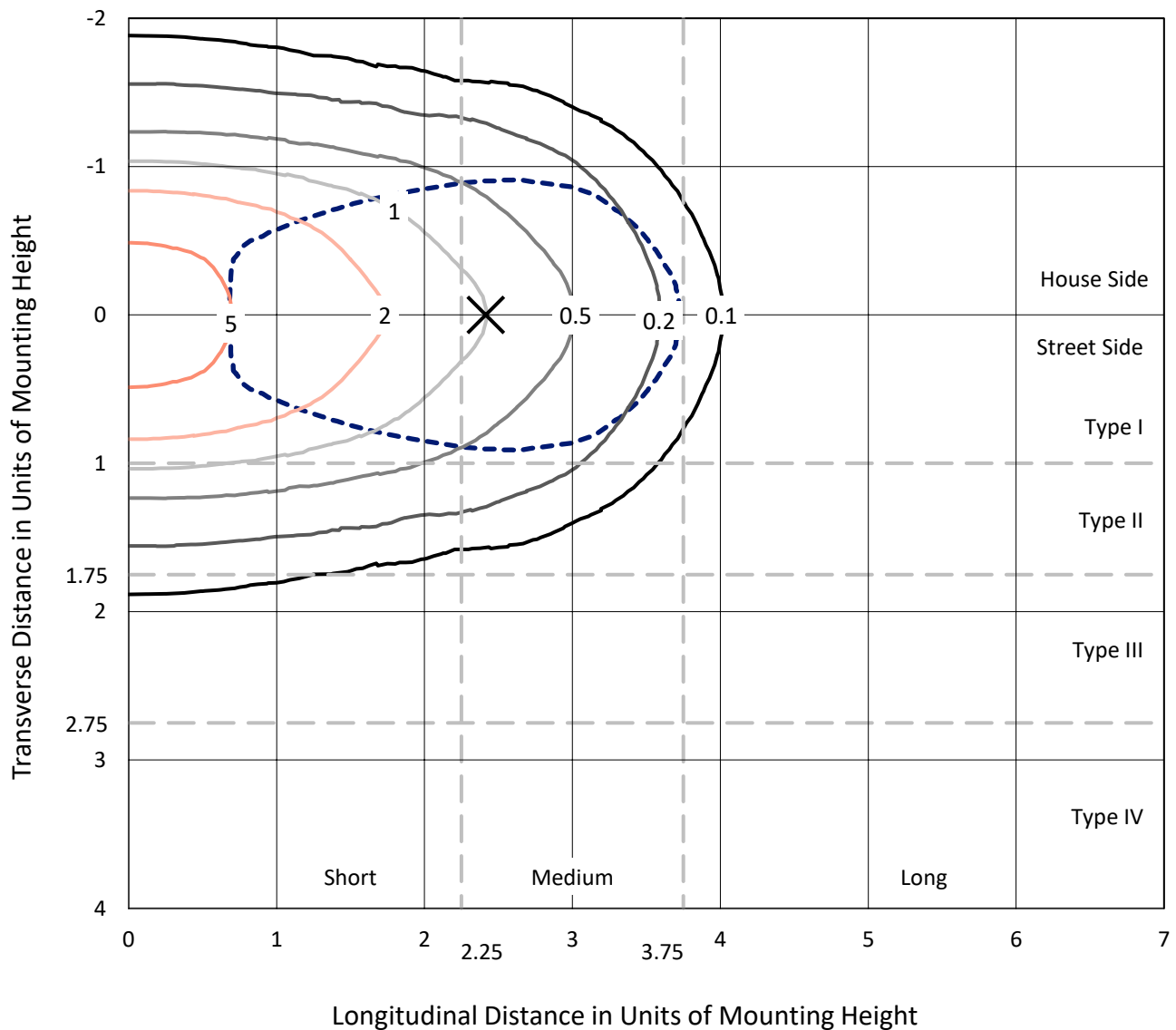
Lumens per Lamp: N/A
Luminaire Lumens: 6704.9 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

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

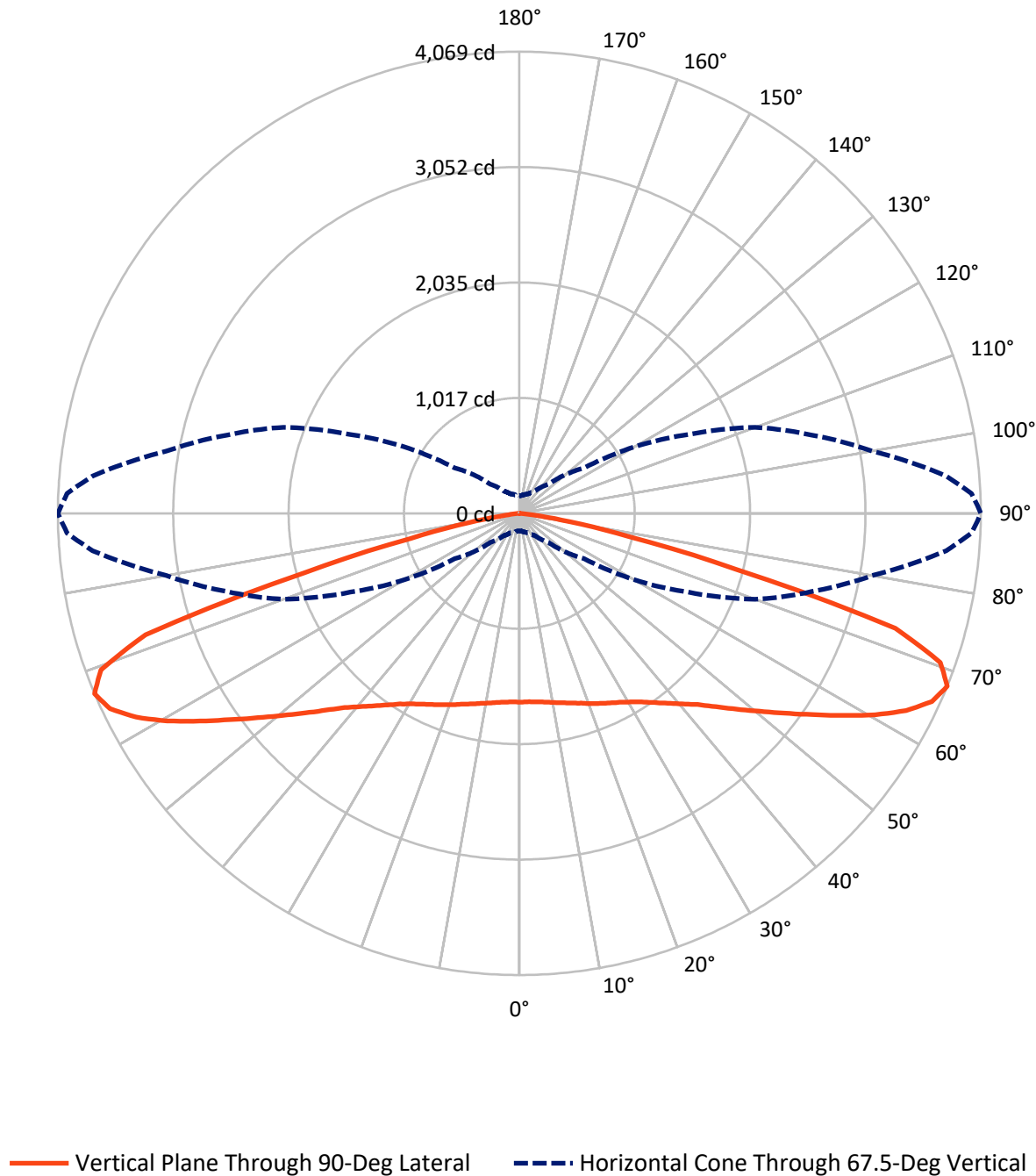
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7.4 fc
Type I - Short - N/A

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Luminous Intensity Polar Plot



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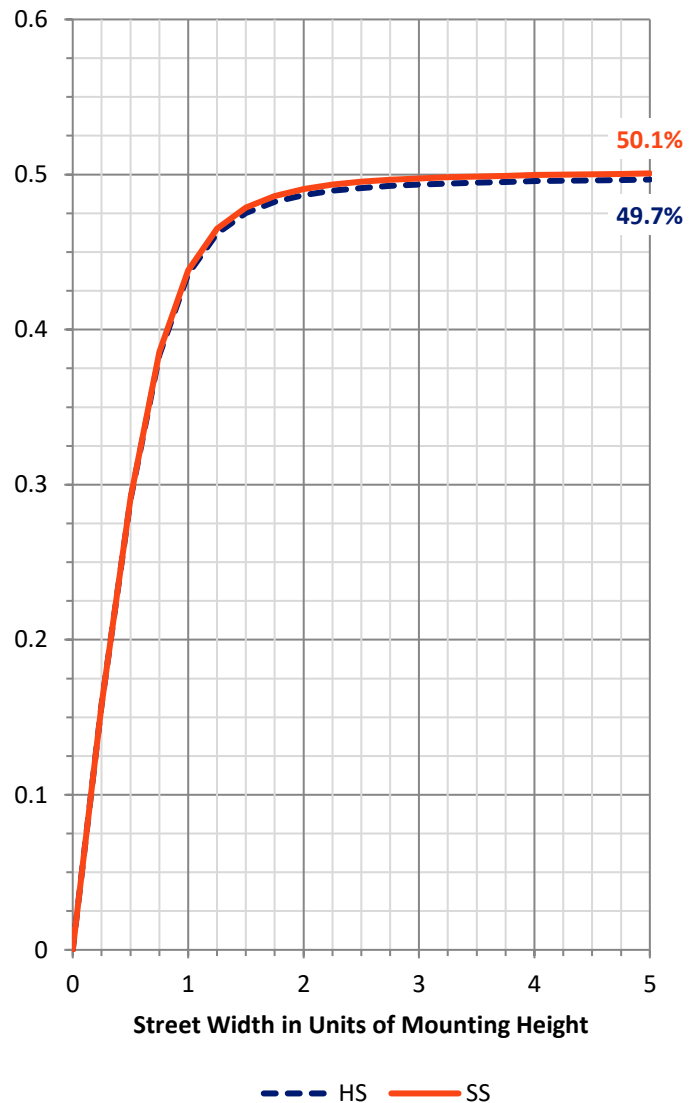
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3352.5	0.0	3352.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3352.5	0.0	3352.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6704.9	0.0	6704.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.6	2.4
10°-20°	480.8	7.2
20°-30°	799.5	11.9
30°-40°	1062.2	15.8
40°-50°	1197.5	17.9
50°-60°	1231.3	18.4
60°-70°	1163.6	17.4
70°-80°	569.6	8.5
80°-90°	40.8	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°	6704.9	100.0
0°-180°	6704.9	100.0

Coefficient of Utilization



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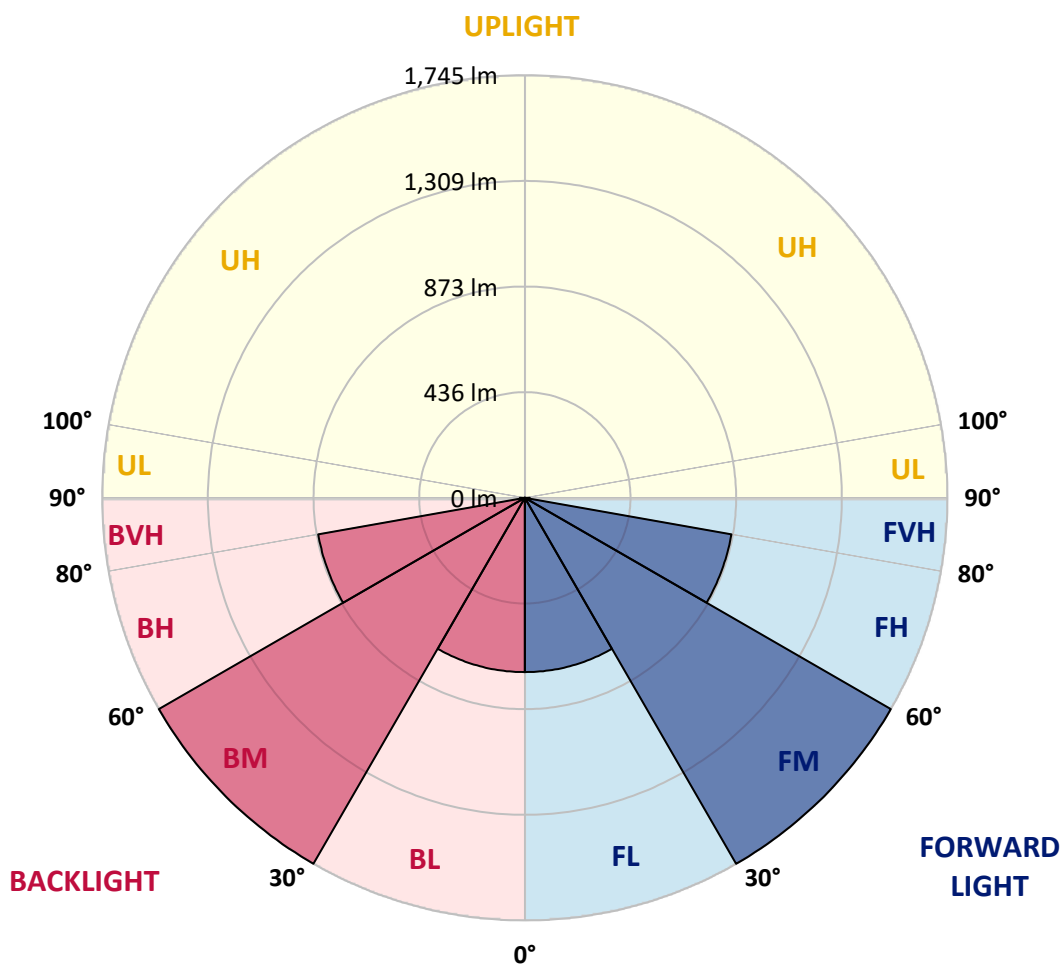
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	720.0	10.7			
FM	(30°-60°)	1745.5	26.0			
FH	(60°-80°)	866.6	12.9			G1/1800
FVH	(80°-90°)	20.4	0.3			G1/100
BL	(0°-30°)	720.0	10.7	B2/1000		
BM	(30°-60°)	1745.5	26.0	B2/2500		
BH	(60°-80°)	866.6	12.9	B2/1000		G2/1000
BVH	(80°-90°)	20.4	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°	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8	1663.8
2.5°	1665.0	1667.5	1662.5	1662.5	1665.0	1666.2	1666.2	1667.5	1665.0	1665.0	1663.8
5°	1665.0	1666.2	1663.8	1663.8	1666.2	1669.9	1668.7	1671.2	1671.2	1669.9	1669.9
7.5°	1663.8	1666.2	1663.8	1665.0	1668.7	1676.1	1676.1	1676.1	1678.6	1681.1	1681.1
10°	1662.5	1665.0	1666.2	1667.5	1672.4	1683.5	1686.0	1687.2	1691.0	1694.7	1694.7
12.5°	1656.3	1658.8	1662.5	1667.5	1676.1	1691.0	1695.9	1699.6	1705.8	1709.5	1712.0
15°	1647.7	1648.9	1657.6	1667.5	1681.1	1699.6	1709.5	1715.7	1724.3	1729.3	1733.0
17.5°	1635.3	1636.6	1650.2	1665.0	1684.8	1710.7	1726.8	1736.7	1745.3	1752.8	1757.7
20°	1619.3	1623.0	1639.0	1662.5	1691.0	1721.9	1745.3	1762.6	1771.3	1778.7	1786.1
22.5°	1599.5	1603.2	1623.0	1656.3	1697.1	1736.7	1767.6	1789.8	1801.0	1810.9	1819.5
25°	1569.8	1574.8	1598.2	1641.5	1699.6	1752.8	1792.3	1820.7	1830.6	1843.0	1850.4
27.5°	1524.1	1527.8	1556.2	1611.8	1692.2	1770.1	1820.7	1854.1	1865.2	1878.8	1886.3
30°	1452.4	1459.8	1494.4	1563.6	1673.6	1783.7	1854.1	1887.5	1901.1	1914.7	1924.6
32.5°	1359.7	1370.8	1409.1	1498.1	1637.8	1788.6	1890.0	1928.3	1945.6	1960.4	1972.8
35°	1244.7	1255.9	1301.6	1414.1	1580.9	1778.7	1925.8	1975.3	1996.3	2016.0	2030.9
37.5°	1113.7	1123.6	1179.2	1307.8	1499.4	1747.8	1954.2	2027.2	2055.6	2081.6	2101.3
40°	981.4	992.6	1053.1	1190.3	1400.5	1688.5	1966.6	2084.0	2119.9	2153.2	2178.0
42.5°	838.1	851.7	919.6	1065.5	1285.5	1606.9	1956.7	2139.6	2184.1	2229.9	2267.0
45°	710.7	713.2	787.4	928.3	1159.4	1501.8	1922.1	2192.8	2253.4	2317.6	2370.8
47.5°	588.4	593.3	657.6	797.3	1028.4	1383.2	1859.1	2234.8	2331.2	2414.1	2491.9
50°	479.6	485.8	543.9	668.7	897.4	1253.4	1773.8	2259.5	2398.0	2510.5	2619.2
52.5°	390.6	398.0	446.2	556.2	765.1	1117.4	1668.7	2263.3	2458.6	2606.9	2751.5
55°	325.1	330.0	367.1	454.9	637.8	976.5	1548.8	2244.7	2498.1	2693.4	2886.2
57.5°	274.4	279.4	305.3	374.5	522.9	831.9	1402.9	2201.5	2519.1	2768.8	3022.2
60°	238.6	242.3	260.8	310.3	430.2	695.9	1246.0	2124.8	2512.9	2815.8	3134.7
62.5°	212.6	213.8	229.9	264.5	354.8	567.4	1069.2	2009.9	2462.3	2822.0	3211.3
65°	189.1	190.4	200.2	225.0	291.7	456.1	885.0	1851.6	2365.9	2778.7	3222.5
67.5°	153.3	155.7	170.6	189.1	239.8	360.9	697.1	1644.0	2215.0	2666.2	3159.4
70°	122.4	123.6	138.4	159.5	195.3	284.3	535.2	1364.6	1979.0	2483.3	2996.2
72.5°	91.5	93.9	107.5	128.6	159.5	220.0	386.9	1032.1	1582.2	2093.9	2609.4
75°	72.9	74.2	79.1	98.9	123.6	166.9	260.8	625.5	953.0	1295.4	1599.5
77.5°	61.8	63.0	63.0	76.6	91.5	112.5	138.4	248.5	403.0	573.5	760.2
80°	50.7	53.2	48.2	56.9	65.5	65.5	64.3	118.7	190.4	269.5	353.5
82.5°	37.1	39.6	37.1	39.6	39.6	35.8	33.4	44.5	60.6	82.8	90.2
85°	26.0	27.2	29.7	27.2	26.0	21.0	16.1	12.4	7.4	8.7	12.4
87.5°	17.3	21.0	24.7	23.5	19.8	16.1	11.1	7.4	3.7	4.9	4.9
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°	1663.8	1663.8	1663.8
2.5°	1665.0	1663.8	1662.5
5°	1671.2	1669.9	1668.7
7.5°	1679.8	1679.8	1679.8
10°	1693.4	1695.9	1695.9
12.5°	1710.7	1713.2	1713.2
15°	1731.7	1733.0	1735.5
17.5°	1757.7	1758.9	1758.9
20°	1788.6	1787.4	1789.8
22.5°	1819.5	1819.5	1819.5
25°	1851.6	1851.6	1851.6
27.5°	1888.7	1888.7	1886.3
30°	1929.5	1929.5	1929.5
32.5°	1979.0	1980.2	1981.4
35°	2042.0	2044.5	2048.2
37.5°	2113.7	2119.9	2123.6
40°	2199.0	2201.5	2207.6
42.5°	2294.2	2301.6	2302.8
45°	2412.8	2425.2	2430.1
47.5°	2552.5	2569.8	2578.5
50°	2708.2	2728.0	2740.4
52.5°	2877.6	2909.7	2924.6
55°	3058.1	3113.7	3129.7
57.5°	3262.0	3337.4	3359.7
60°	3462.3	3568.6	3604.4
62.5°	3632.8	3782.4	3826.9
65°	3752.7	3933.2	3998.7
67.5°	3777.4	3991.3	4069.2
70°	3629.1	3847.9	3938.1
72.5°	3155.7	3353.5	3466.0
75°	1864.0	2006.2	1971.5
77.5°	935.7	976.5	982.7
80°	410.4	435.1	445.0
82.5°	101.4	103.8	117.4
85°	13.6	16.1	14.8
87.5°	4.9	4.9	6.2
90°	0.0	0.0	0.0

(END OF REPORT)