

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: P1212009

Luminaire Tested: **GKO-PB2C-735-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212009
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-735-U-T1
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

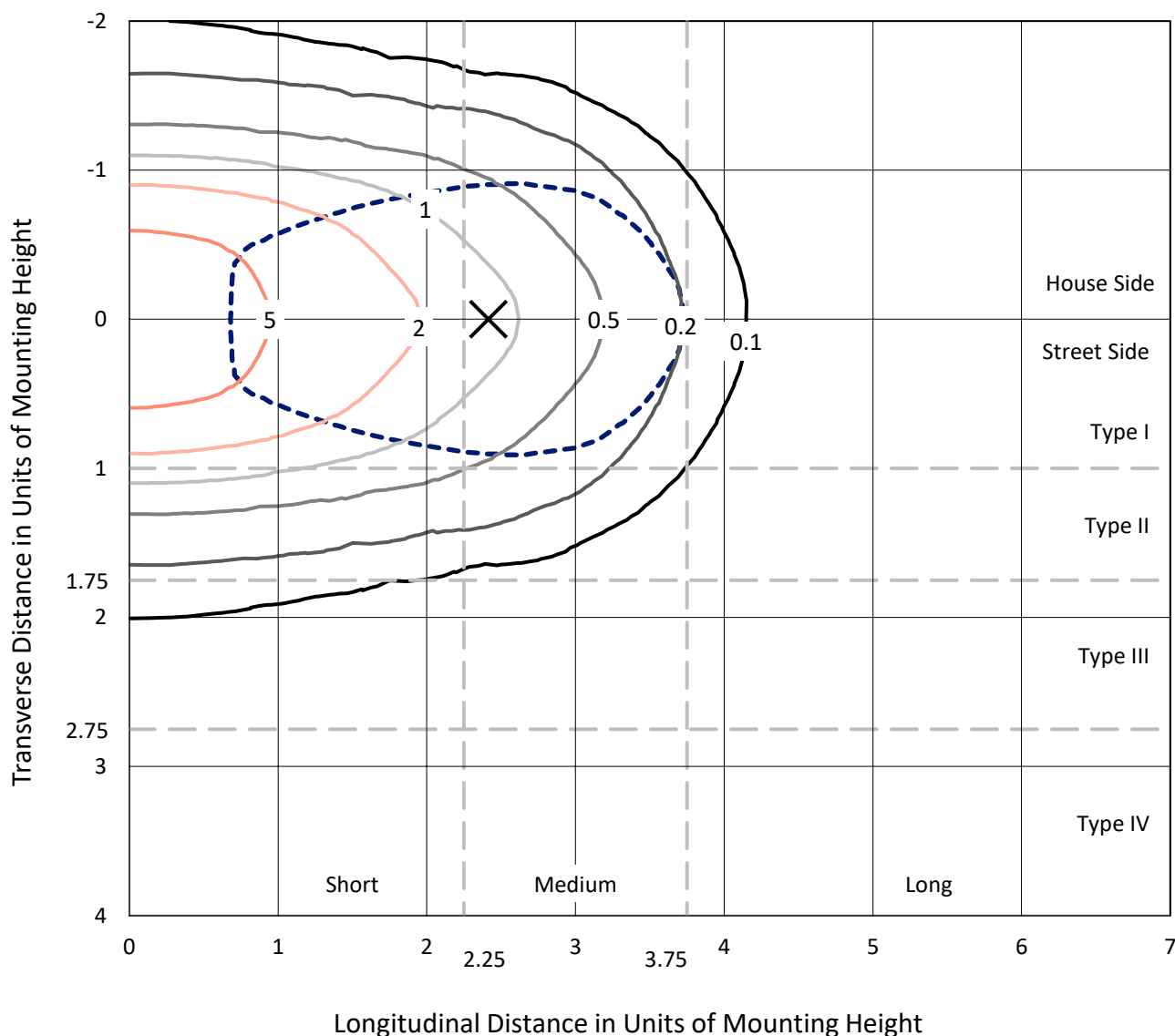
Lumens per Lamp: N/A
Luminaire Lumens: 8350.4 lumens
Efficiency: N/A
Efficacy: 143.5 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 58.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
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

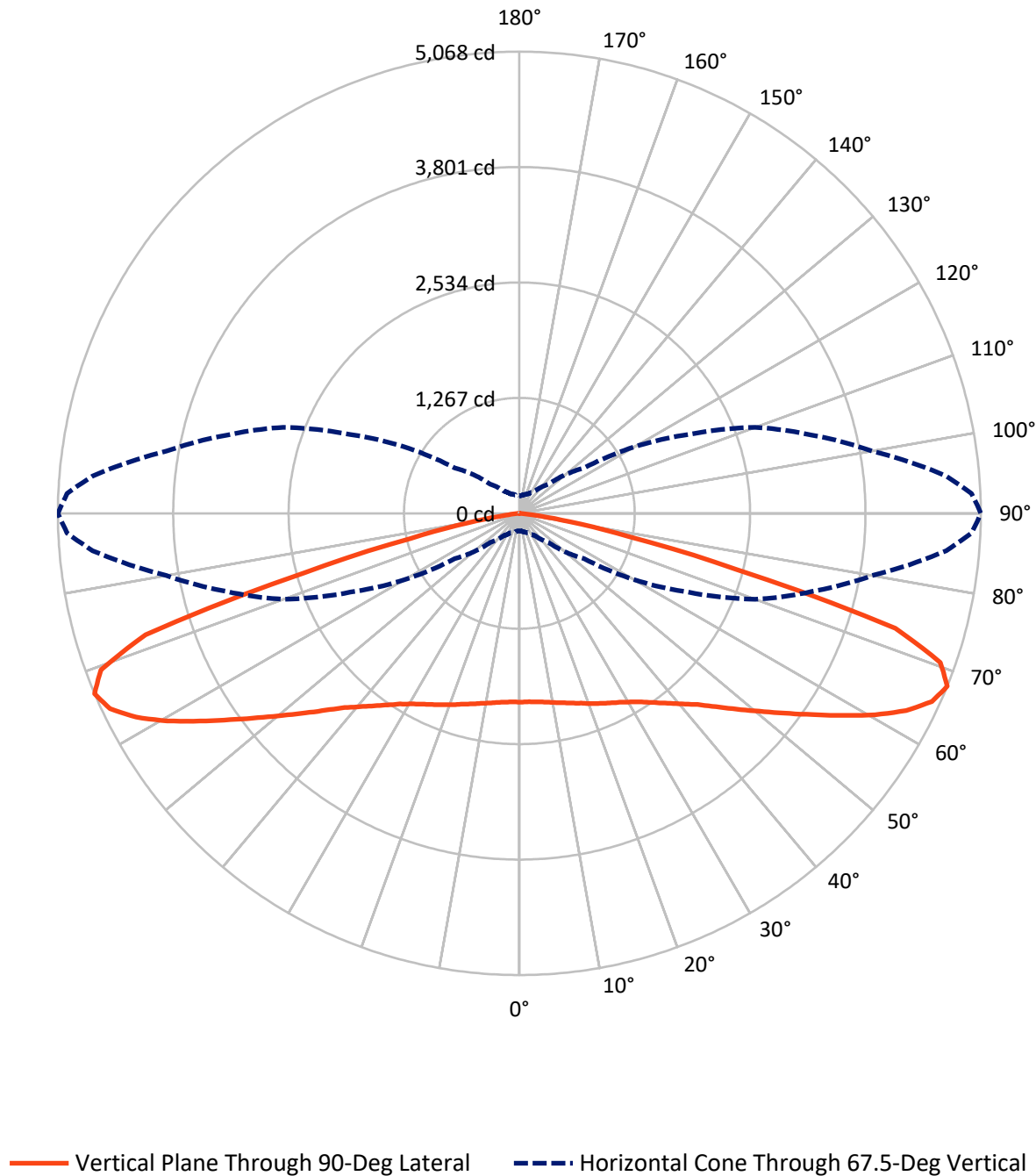
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 9.2 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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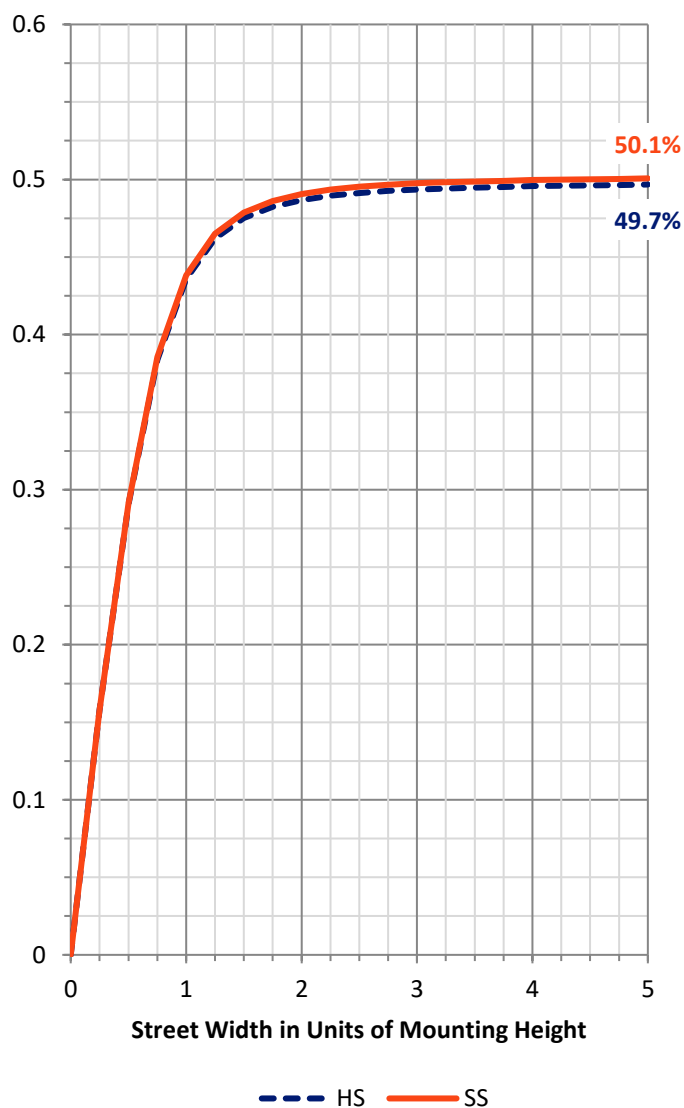
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4175.2	0.0	4175.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4175.2	0.0	4175.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	8350.4	0.0	8350.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.7	2.4
10°-20°	598.8	7.2
20°-30°	995.8	11.9
30°-40°	1322.8	15.8
40°-50°	1491.3	17.9
50°-60°	1533.5	18.4
60°-70°	1449.2	17.4
70°-80°	709.4	8.5
80°-90°	50.7	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°	8350.4	100.0
0°-180°	8350.4	100.0

Coefficient of Utilization



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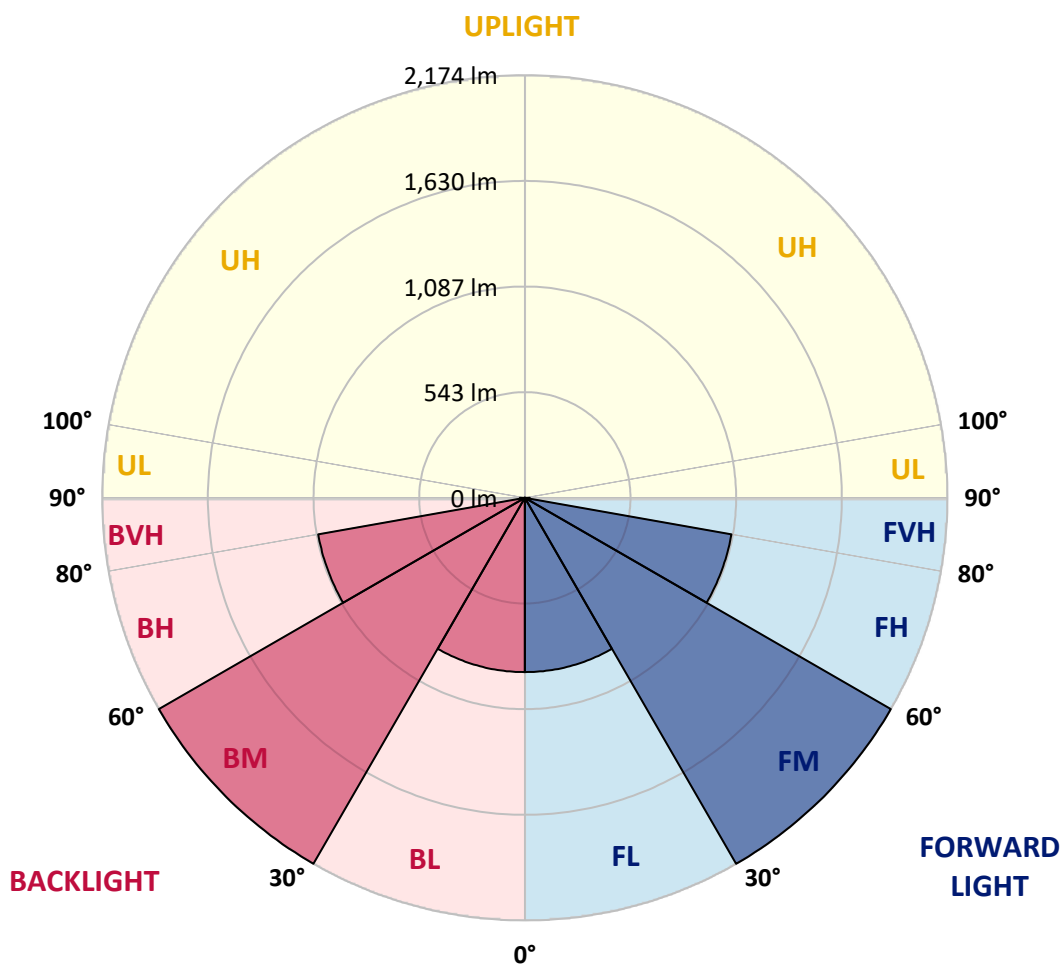
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	896.7	10.7			
FM	(30°-60°)	2173.9	26.0			
FH	(60°-80°)	1079.3	12.9			G1/1800
FVH	(80°-90°)	25.4	0.3			G1/100
BL	(0°-30°)	896.7	10.7	B2/1000		
BM	(30°-60°)	2173.9	26.0	B2/2500		
BH	(60°-80°)	1079.3	12.9	B3/2500		G3/2500
BVH	(80°-90°)	25.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1	2072.1
2.5°	2073.6	2076.7	2070.5	2070.5	2073.6	2075.2	2075.2	2076.7	2073.6	2073.6	2072.1
5°	2073.6	2075.2	2072.1	2072.1	2075.2	2079.8	2078.2	2081.3	2081.3	2079.8	2079.8
7.5°	2072.1	2075.2	2072.1	2073.6	2078.2	2087.5	2087.5	2087.5	2090.6	2093.6	2093.6
10°	2070.5	2073.6	2075.2	2076.7	2082.9	2096.7	2099.8	2101.3	2106.0	2110.6	2110.6
12.5°	2062.9	2065.9	2070.5	2076.7	2087.5	2106.0	2112.1	2116.7	2124.4	2129.0	2132.1
15°	2052.1	2053.6	2064.4	2076.7	2093.6	2116.7	2129.0	2136.7	2147.5	2153.7	2158.3
17.5°	2036.7	2038.2	2055.2	2073.6	2098.3	2130.6	2150.6	2162.9	2173.7	2182.9	2189.1
20°	2016.7	2021.3	2041.3	2070.5	2106.0	2144.4	2173.7	2195.2	2206.0	2215.3	2224.5
22.5°	1992.0	1996.7	2021.3	2062.9	2113.7	2162.9	2201.4	2229.1	2243.0	2255.3	2266.1
25°	1955.1	1961.2	1990.5	2044.4	2116.7	2182.9	2232.2	2267.6	2279.9	2295.3	2304.5
27.5°	1898.1	1902.8	1938.2	2007.4	2107.5	2204.5	2267.6	2309.2	2323.0	2340.0	2349.2
30°	1808.8	1818.1	1861.2	1947.4	2084.4	2221.4	2309.2	2350.7	2367.7	2384.6	2396.9
32.5°	1693.4	1707.2	1755.0	1865.8	2039.8	2227.6	2353.8	2401.5	2423.1	2441.6	2456.9
35°	1550.2	1564.1	1621.0	1761.1	1968.9	2215.3	2398.5	2460.0	2486.2	2510.8	2529.3
37.5°	1387.0	1399.4	1468.6	1628.7	1867.3	2176.8	2433.9	2524.7	2560.1	2592.4	2617.1
40°	1222.3	1236.2	1311.6	1482.5	1744.2	2102.9	2449.3	2595.5	2640.1	2681.7	2712.5
42.5°	1043.7	1060.7	1145.3	1327.0	1601.0	2001.3	2436.9	2664.8	2720.2	2777.2	2823.3
45°	885.2	888.3	980.6	1156.1	1444.0	1870.4	2393.8	2731.0	2806.4	2886.5	2952.7
47.5°	732.8	738.9	819.0	992.9	1280.8	1722.6	2315.3	2783.3	2903.4	3006.5	3103.5
50°	597.3	605.0	677.4	832.8	1117.6	1561.0	2209.1	2814.1	2986.5	3126.6	3262.1
52.5°	486.5	495.7	555.7	692.7	952.9	1391.7	2078.2	2818.7	3062.0	3246.7	3426.8
55°	404.9	411.0	457.2	566.5	794.4	1216.2	1928.9	2795.6	3111.2	3354.4	3594.6
57.5°	341.8	347.9	380.2	466.5	651.2	1036.0	1747.3	2741.7	3137.4	3448.4	3763.9
60°	297.1	301.7	324.8	386.4	535.7	866.7	1551.8	2646.3	3129.7	3506.8	3904.0
62.5°	264.8	266.3	286.3	329.4	441.8	706.6	1331.6	2503.1	3066.6	3514.5	3999.5
65°	235.5	237.1	249.4	280.2	363.3	568.1	1102.2	2306.1	2946.5	3460.7	4013.3
67.5°	190.9	194.0	212.4	235.5	298.7	449.5	868.2	2047.5	2758.7	3320.6	3934.8
70°	152.4	153.9	172.4	198.6	243.2	354.1	666.6	1699.5	2464.6	3092.7	3731.6
72.5°	113.9	117.0	133.9	160.1	198.6	274.0	481.8	1285.4	1970.5	2607.8	3249.8
75°	90.8	92.4	98.5	123.2	153.9	207.8	324.8	779.0	1186.9	1613.3	1992.0
77.5°	77.0	78.5	78.5	95.4	113.9	140.1	172.4	309.4	501.9	714.3	946.8
80°	63.1	66.2	60.0	70.8	81.6	81.6	80.1	147.8	237.1	335.6	440.3
82.5°	46.2	49.3	46.2	49.3	49.3	44.6	41.6	55.4	75.4	103.1	112.4
85°	32.3	33.9	36.9	33.9	32.3	26.2	20.0	15.4	9.2	10.8	15.4
87.5°	21.6	26.2	30.8	29.2	24.6	20.0	13.9	9.2	4.6	6.2	6.2
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°	2072.1	2072.1	2072.1
2.5°	2073.6	2072.1	2070.5
5°	2081.3	2079.8	2078.2
7.5°	2092.1	2092.1	2092.1
10°	2109.0	2112.1	2112.1
12.5°	2130.6	2133.7	2133.7
15°	2156.8	2158.3	2161.4
17.5°	2189.1	2190.6	2190.6
20°	2227.6	2226.0	2229.1
22.5°	2266.1	2266.1	2266.1
25°	2306.1	2306.1	2306.1
27.5°	2352.3	2352.3	2349.2
30°	2403.1	2403.1	2403.1
32.5°	2464.6	2466.2	2467.7
35°	2543.2	2546.2	2550.9
37.5°	2632.4	2640.1	2644.8
40°	2738.7	2741.7	2749.4
42.5°	2857.2	2866.4	2868.0
45°	3005.0	3020.4	3026.5
47.5°	3178.9	3200.5	3211.3
50°	3372.9	3397.5	3412.9
52.5°	3583.8	3623.8	3642.3
55°	3808.6	3877.9	3897.9
57.5°	4062.6	4156.5	4184.2
60°	4312.0	4444.4	4489.0
62.5°	4524.4	4710.7	4766.1
65°	4673.7	4898.5	4980.1
67.5°	4704.5	4970.9	5067.8
70°	4519.8	4792.3	4904.7
72.5°	3930.2	4176.5	4316.6
75°	2321.5	2498.5	2455.4
77.5°	1165.4	1216.2	1223.9
80°	511.1	541.9	554.2
82.5°	126.2	129.3	146.2
85°	16.9	20.0	18.5
87.5°	6.2	6.2	7.7
90°	0.0	0.0	0.0

(END OF REPORT)