

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: INVUE

Report Number: P148249

Luminaire Tested: **VXS-E06-LED-E1-5XQ-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P148249
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33676)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-E06-LED-E1-5XQ-7030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 5 SQUARE EXTRA WIDE
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17428.8 lumens
Efficiency: N/A
Efficacy: 115.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short - Non-Cutoff
BUG Rating: B4 - U0 - G3

Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



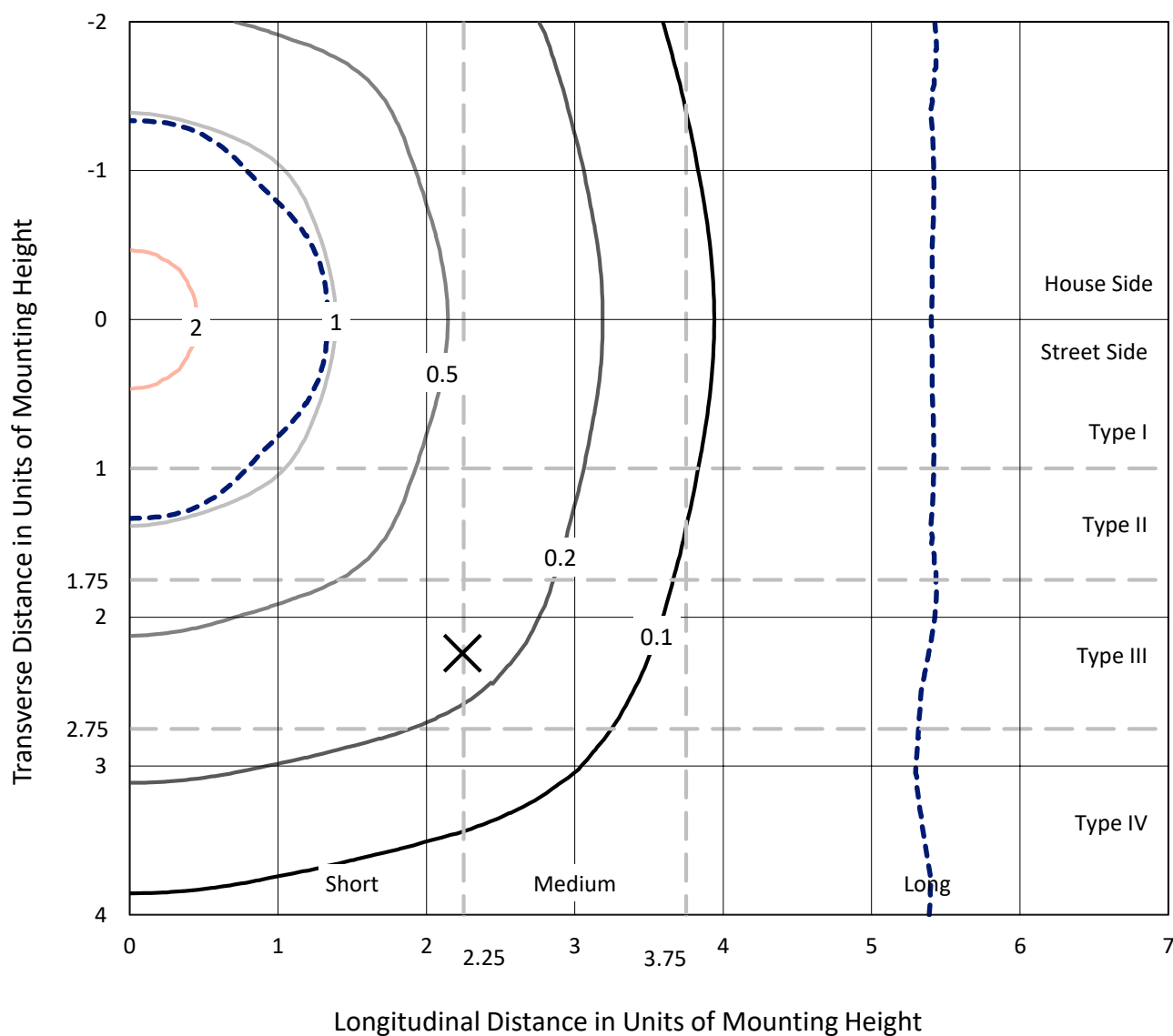
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

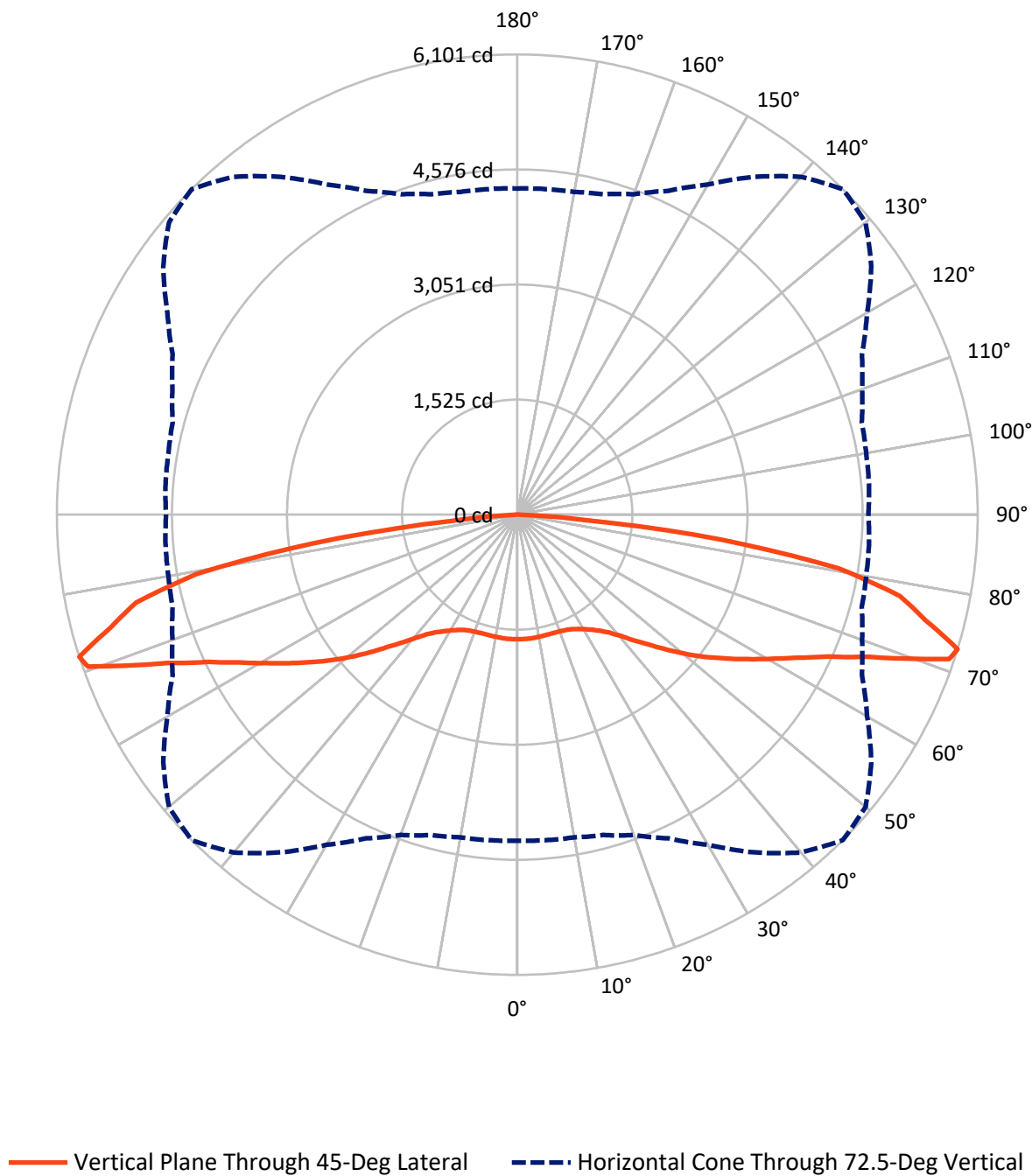


Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
Type V - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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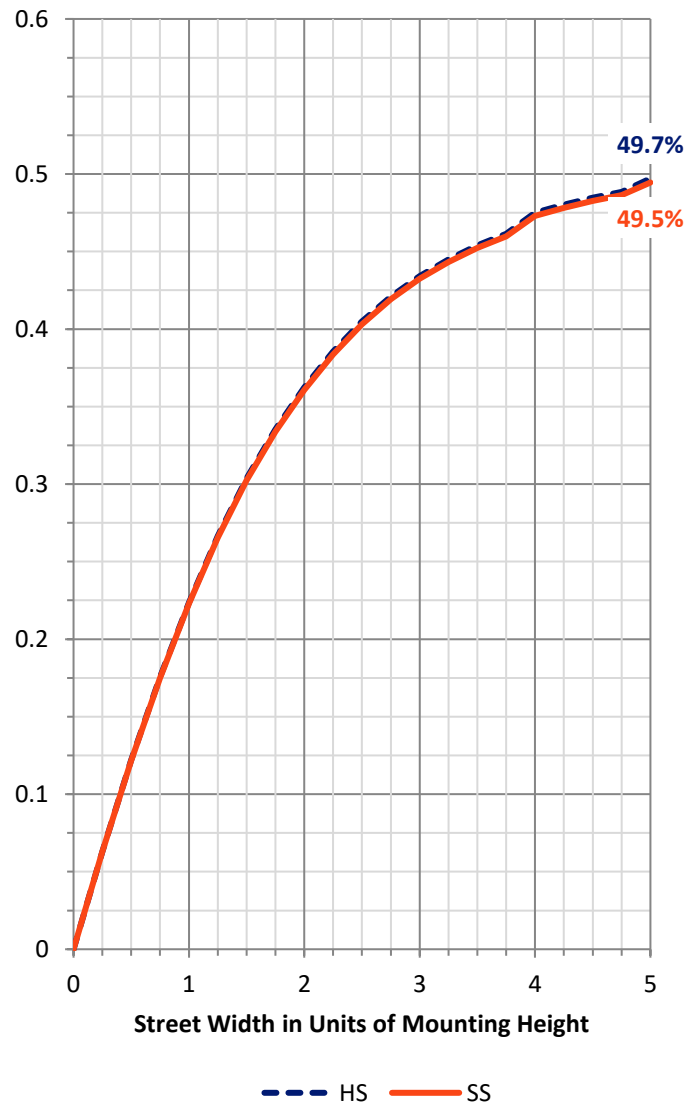
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8714.4	0.0	8714.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	8714.4	0.0	8714.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	17428.8	0.0	17428.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.4	0.9
10°-20°	465.5	2.7
20°-30°	779.6	4.5
30°-40°	1188.5	6.8
40°-50°	1897.7	10.9
50°-60°	2917.9	16.7
60°-70°	4248.4	24.4
70°-80°	4785.8	27.5
80°-90°	988.0	5.7
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°	17428.8	100.0
0°-180°	17428.8	100.0

Coefficient of Utilization



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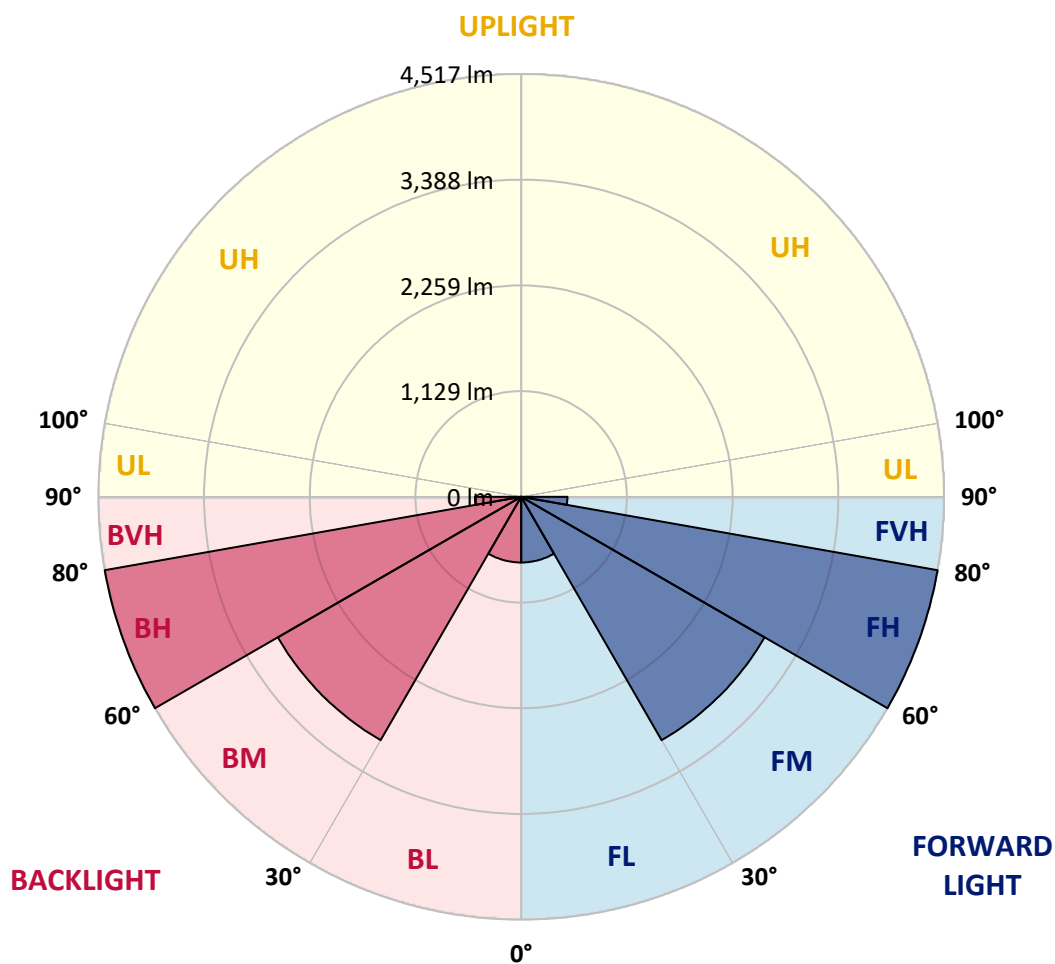
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	701.3	4.0			
FM	(30°-60°)	3002.0	17.2			
FH	(60°-80°)	4517.1	25.9			G2/5000
FVH	(80°-90°)	494.0	2.8			G3/500
BL	(0°-30°)	701.3	4.0	B2/1000		
BM	(30°-60°)	3002.0	17.2	B3/5000		
BH	(60°-80°)	4517.1	25.9	B4/5000		G2/5000
BVH	(80°-90°)	494.0	2.8			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3
2.5°	1654.1	1655.0	1654.5	1653.7	1654.1	1653.6	1652.7	1652.2	1649.0	1650.9	1653.6
5°	1654.1	1653.2	1652.6	1652.2	1652.2	1653.7	1652.2	1650.9	1650.5	1651.4	1649.9
7.5°	1653.2	1651.4	1650.5	1649.9	1650.4	1650.9	1649.5	1647.7	1649.0	1647.7	1645.8
10°	1650.4	1649.1	1649.5	1647.7	1648.2	1647.7	1645.8	1644.5	1645.4	1644.0	1641.8
12.5°	1651.3	1649.0	1648.6	1647.7	1647.3	1646.8	1644.5	1642.2	1642.7	1641.8	1639.5
15°	1651.3	1649.9	1649.5	1647.7	1647.3	1646.3	1643.5	1642.7	1642.7	1641.3	1638.5
17.5°	1652.2	1651.3	1651.3	1649.0	1648.2	1647.7	1644.5	1643.1	1644.5	1641.8	1640.0
20°	1655.0	1654.1	1654.5	1653.2	1651.3	1651.4	1649.0	1648.2	1648.6	1648.2	1643.1
22.5°	1660.5	1660.5	1661.3	1660.9	1660.5	1660.9	1659.1	1659.1	1659.6	1659.6	1655.4
25°	1676.0	1675.5	1676.5	1676.5	1676.9	1680.1	1678.8	1678.2	1680.6	1680.6	1676.5
27.5°	1705.3	1704.4	1705.2	1706.1	1708.4	1712.5	1711.6	1713.0	1716.6	1715.8	1712.0
30°	1739.1	1738.0	1740.4	1743.1	1745.0	1751.3	1748.6	1755.4	1758.7	1761.5	1758.7
32.5°	1788.4	1788.4	1792.4	1794.3	1798.3	1804.8	1805.7	1811.2	1815.3	1819.9	1816.7
35°	1854.1	1853.2	1856.4	1859.6	1864.7	1870.5	1872.8	1880.2	1886.5	1889.7	1883.7
37.5°	1954.6	1949.5	1955.4	1957.3	1961.5	1962.8	1969.1	1978.3	1985.2	1984.2	1980.1
40°	2090.7	2089.7	2087.5	2084.8	2091.1	2093.4	2093.4	2105.7	2116.7	2114.8	2114.4
42.5°	2249.5	2245.5	2242.7	2242.7	2246.4	2247.3	2261.5	2270.6	2278.3	2280.2	2278.3
45°	2420.3	2416.3	2417.2	2415.3	2416.7	2422.7	2430.9	2447.8	2462.4	2462.8	2455.1
47.5°	2603.9	2591.2	2601.2	2587.0	2595.8	2600.3	2620.8	2645.5	2671.1	2675.6	2668.8
50°	2790.3	2788.9	2788.0	2785.3	2789.3	2799.4	2824.6	2863.3	2888.1	2904.5	2893.5
52.5°	2994.0	2987.0	2983.9	2979.4	2983.4	3003.1	3038.2	3072.0	3116.4	3135.0	3120.0
55°	3192.1	3189.8	3178.0	3177.5	3186.2	3216.8	3255.1	3296.8	3344.7	3365.7	3360.2
57.5°	3395.9	3382.6	3379.0	3373.5	3390.8	3419.6	3466.6	3541.6	3591.3	3615.0	3601.3
60°	3594.9	3584.9	3577.2	3575.3	3587.2	3627.4	3694.9	3785.0	3846.6	3877.6	3855.8
62.5°	3808.7	3802.3	3793.2	3782.7	3807.8	3859.4	3943.4	4042.9	4133.8	4172.2	4138.9
65°	4074.4	4061.1	4051.2	4037.9	4058.4	4123.3	4228.8	4369.0	4491.0	4535.8	4511.9
67.5°	4354.8	4342.6	4343.4	4335.2	4371.8	4461.7	4597.8	4788.3	4951.7	5028.0	4983.2
70°	4599.6	4606.4	4608.3	4641.7	4704.7	4841.7	5068.2	5366.4	5614.4	5730.8	5682.9
71°	4527.5	4542.6	4565.8	4600.5	4709.2	4871.3	5180.5	5541.8	5837.7	6035.0	5968.7
72.5°	4322.9	4332.0	4343.8	4396.9	4519.7	4734.3	5052.6	5465.5	5845.9	6101.1	6024.5
75°	4026.9	4035.6	4039.8	4076.8	4188.6	4375.9	4667.3	5033.5	5369.1	5586.5	5565.1
77.5°	3580.3	3581.8	3613.7	3670.8	3796.4	4010.6	4317.4	4697.4	5013.0	5181.9	5074.6
80°	2571.1	2553.8	2586.6	2660.1	2815.3	3061.1	3375.2	3809.1	4159.4	4317.4	4151.2
82.5°	978.2	1031.2	1114.7	1236.3	1288.7	1561.8	1855.0	2109.8	2404.9	2734.5	2651.9
85°	105.1	118.3	148.4	184.0	232.4	321.5	444.4	606.4	747.6	878.7	780.0
87.5°	39.3	40.2	44.8	51.6	52.5	54.8	58.4	68.1	63.4	54.8	44.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°
0°	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3	1651.3
2.5°	1651.3	1651.8	1651.3	1651.8	1651.8	1649.9	1650.5	1649.5
5°	1650.9	1649.5	1649.9	1650.5	1649.9	1650.9	1649.5	1650.4
7.5°	1648.6	1645.8	1646.7	1646.7	1645.8	1647.3	1646.3	1645.8
10°	1644.0	1640.4	1642.2	1641.3	1640.8	1641.3	1641.3	1641.2
12.5°	1639.9	1637.6	1638.1	1637.6	1637.2	1638.5	1638.1	1638.5
15°	1639.0	1635.3	1634.9	1634.0	1634.4	1635.3	1635.3	1636.7
17.5°	1638.1	1633.6	1633.1	1632.1	1632.6	1634.4	1634.9	1634.0
20°	1640.8	1637.2	1636.3	1635.3	1634.8	1637.1	1636.7	1636.7
22.5°	1653.7	1649.1	1648.6	1645.0	1643.6	1645.0	1644.0	1644.0
25°	1674.2	1668.7	1666.9	1661.9	1658.1	1658.2	1656.9	1655.9
27.5°	1711.2	1702.9	1701.1	1697.0	1692.0	1692.8	1690.2	1689.7
30°	1754.1	1746.7	1740.4	1734.5	1728.5	1726.2	1723.0	1722.6
32.5°	1810.3	1802.1	1794.3	1786.9	1778.8	1775.5	1770.1	1767.3
35°	1879.2	1868.3	1859.1	1854.1	1845.9	1841.8	1838.1	1842.3
37.5°	1975.5	1962.3	1957.7	1951.8	1946.3	1940.0	1941.3	1939.9
40°	2108.9	2097.1	2092.4	2082.0	2080.6	2073.3	2077.8	2073.4
42.5°	2273.8	2251.8	2248.7	2240.4	2237.7	2233.6	2235.4	2232.2
45°	2453.3	2433.6	2429.9	2416.7	2417.2	2407.6	2411.2	2411.2
47.5°	2655.1	2634.6	2617.6	2608.1	2604.4	2598.4	2601.7	2601.2
50°	2863.3	2835.4	2816.8	2798.0	2789.8	2792.1	2785.7	2796.7
52.5°	3087.2	3045.6	3019.1	3001.2	2985.7	2989.0	2989.8	2993.1
55°	3318.7	3265.7	3227.4	3204.0	3189.8	3190.8	3194.9	3198.5
57.5°	3551.5	3485.4	3433.3	3398.5	3389.4	3393.6	3393.6	3393.1
60°	3793.2	3713.7	3646.5	3607.3	3599.1	3596.7	3614.5	3608.7
62.5°	4052.5	3957.1	3887.7	3837.4	3825.6	3833.8	3849.7	3846.1
65°	4396.5	4264.5	4174.9	4125.2	4105.1	4113.3	4134.7	4133.8
67.5°	4839.8	4655.3	4537.0	4473.2	4458.5	4468.6	4480.4	4491.8
70°	5503.0	5239.4	5070.5	4932.1	4872.7	4861.3	4873.2	4873.7
71°	5736.4	5433.5	5164.6	4995.5	4898.3	4857.2	4860.4	4839.8
72.5°	5726.7	5353.6	5039.0	4862.2	4727.0	4694.2	4678.1	4653.5
75°	5340.8	5004.7	4731.6	4538.9	4408.7	4369.9	4341.6	4340.3
77.5°	4843.5	4595.5	4294.5	4090.5	3932.0	3867.6	3838.8	3837.9
80°	3893.6	3522.3	3302.2	3179.4	2988.0	2932.7	2874.3	2852.4
82.5°	2354.6	1839.9	1496.1	1329.3	1237.1	1018.9	914.3	865.0
85°	548.5	389.5	268.5	176.3	126.9	100.9	77.6	68.5
87.5°	37.0	29.2	26.0	20.9	16.0	15.5	9.5	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)