

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: LUMARK

Report Number: P208576

Luminaire Tested: **XTOR6BRL-W**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P208576  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27507)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: XTOR6BRL-W  
Description: CROSSTOUR WALL MOUNT LED WITH REFRACTIVE LENS  
  
Light Source: EATON LED 4000K  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6132.8 lumens  
Efficiency: N/A  
Efficacy: 105.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.67' x H: 0.17')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B1 - U3 - G2

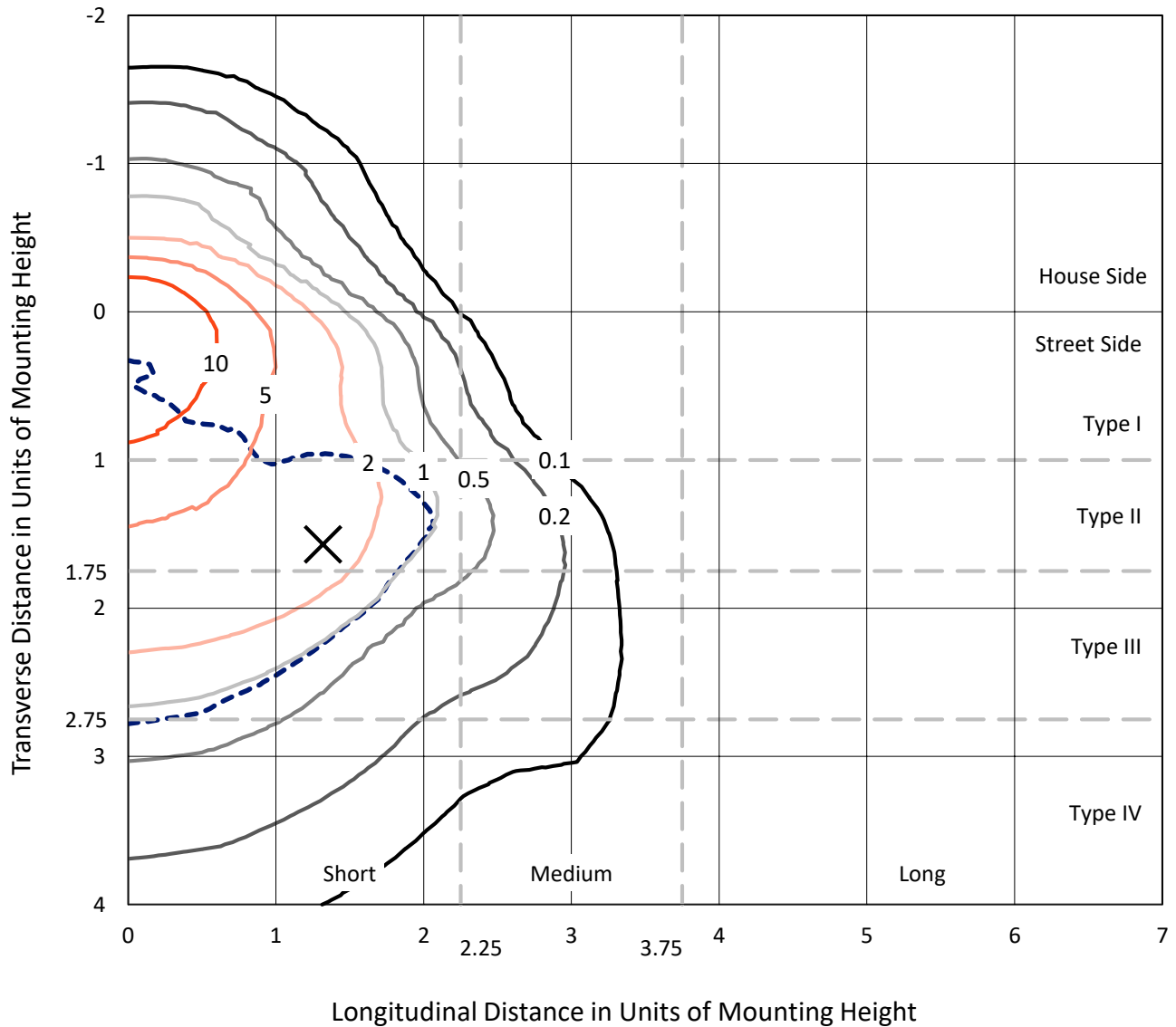
Input Watts (W): 58  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

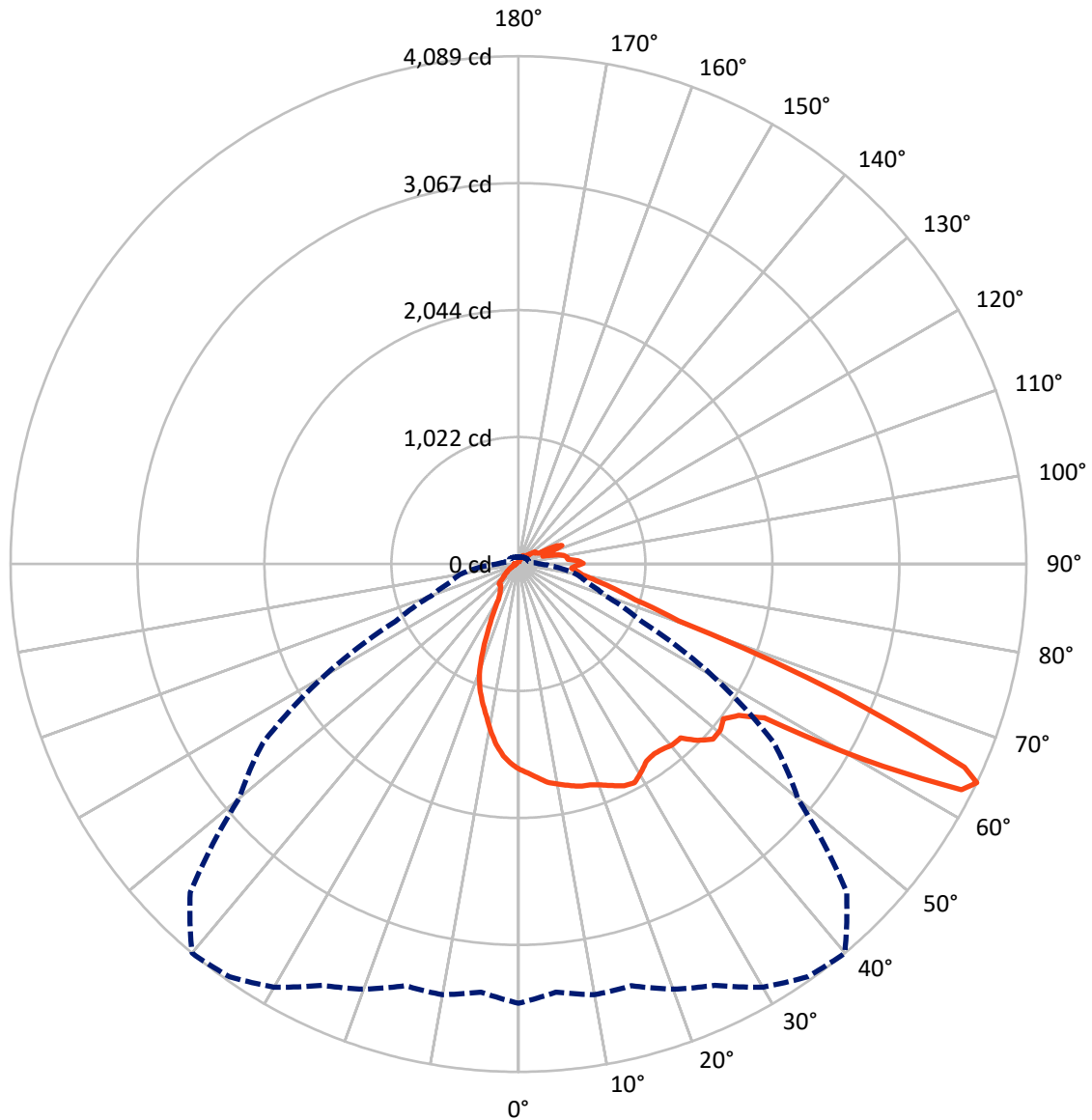
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.9 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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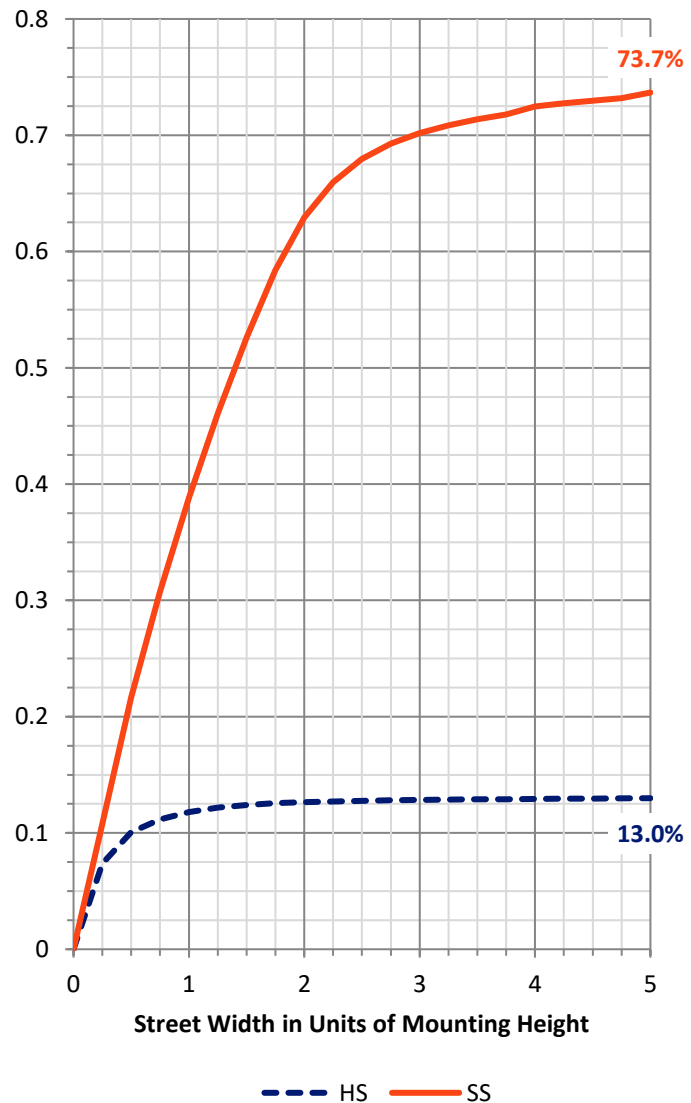
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	811.5	43.7	855.1
	% Fixture	13.2	0.7	13.9
<b>Street Side</b>	Lumens	4687.1	590.6	5277.6
	% Fixture	76.4	9.6	86.1
<b>Total</b>	Lumens	5498.5	634.2	6132.8
	% Fixture	89.7	10.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	155.1	2.5
10°-20°	429.8	7.0
20°-30°	609.2	9.9
30°-40°	726.6	11.8
40°-50°	842.4	13.7
50°-60°	959.0	15.6
60°-70°	1128.4	18.4
70°-80°	411.1	6.7
80°-90°	236.8	3.9
90°-100°	228.1	3.7
100°-110°	153.5	2.5
110°-120°	124.1	2.0
120°-130°	53.0	0.9
130°-140°	35.1	0.6
140°-150°	21.9	0.4
150°-160°	13.0	0.2
160°-170°	4.6	0.1
170°-180°	0.9	0.0
0°-90°	5498.5	89.7
0°-180°	6132.8	100.0

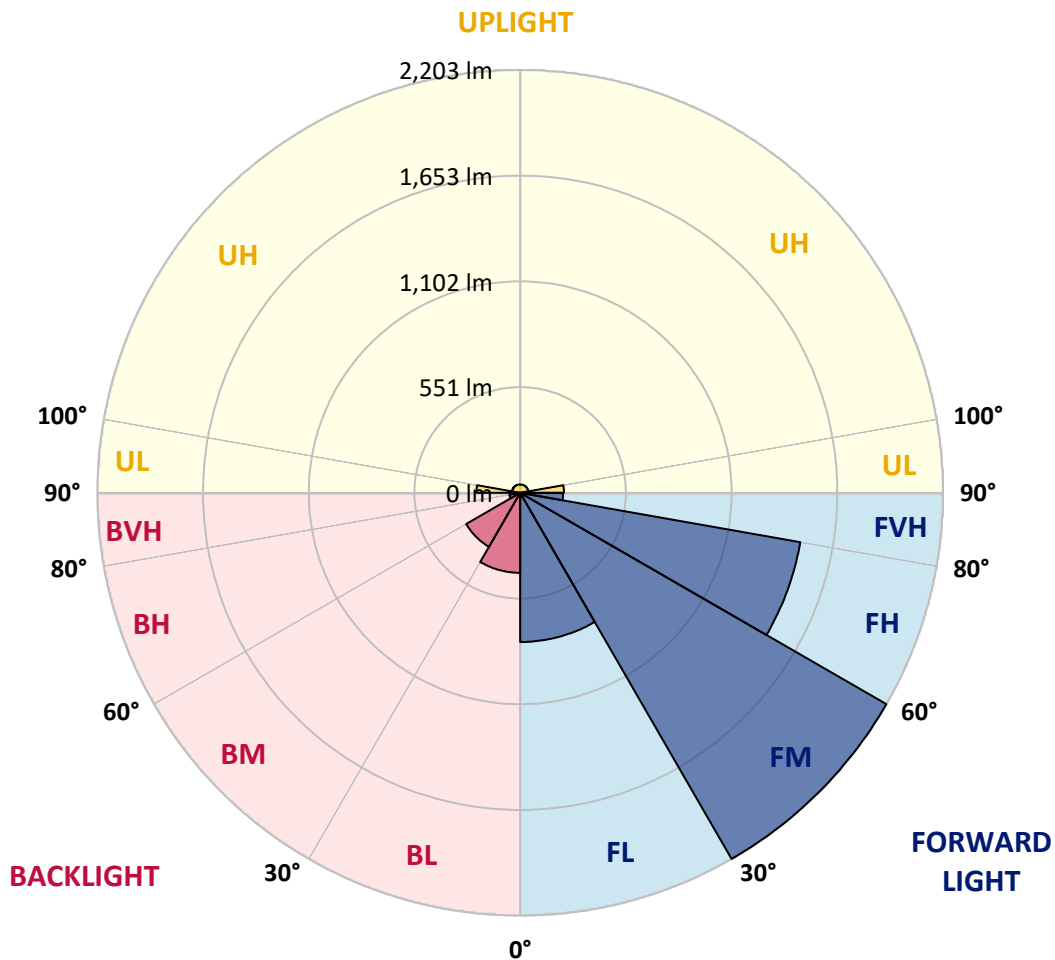


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	777.3	12.7			
FM	(30°-60°)	2203.5	35.9			
FH	(60°-80°)	1482.5	24.2			G1/1800
FVH	(80°-90°)	223.8	3.6			G2/225
BL	(0°-30°)	416.9	6.8	B1/500		
BM	(30°-60°)	324.6	5.3	B1/1000		
BH	(60°-80°)	57.0	0.9	B0/110		G0/110
BVH	(80°-90°)	13.0	0.2			G1/100
UL	(90°-100°)	228.1	3.7		U3/500	
UH	(100°-180°)	43.7	0.7		U2/50	

**BUG Rating: B1-U3-G2**  
 Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6
2.5°	1726.6	1687.6	1694.0	1682.6	1716.7	1697.5	1716.7	1718.8	1690.4	1688.3	1693.2
5°	1787.7	1745.8	1754.3	1737.3	1770.7	1751.5	1772.1	1766.4	1733.7	1728.8	1733.7
7.5°	1843.8	1797.6	1809.0	1789.1	1821.8	1801.9	1820.4	1810.4	1778.5	1769.2	1768.5
10°	1887.1	1838.8	1850.2	1828.9	1859.4	1838.8	1851.6	1837.4	1803.3	1793.4	1792.0
12.5°	1914.8	1866.5	1877.2	1857.3	1889.3	1866.5	1877.9	1866.5	1830.3	1817.5	1814.0
15°	1963.1	1911.3	1918.4	1899.2	1927.6	1896.4	1904.2	1892.1	1856.6	1844.5	1840.3
17.5°	2030.6	1980.9	1992.3	1965.3	1989.4	1946.8	1939.7	1913.4	1869.4	1858.0	1851.6
20°	2091.7	2041.3	2059.0	2032.0	2056.2	2006.5	1990.8	1956.7	1899.2	1863.7	1849.5
22.5°	2093.1	2046.2	2073.2	2056.2	2095.2	2047.7	2041.3	2002.9	1937.6	1889.3	1855.9
25°	2043.4	1999.4	2027.1	2014.3	2061.2	2035.6	2056.2	2037.0	1978.8	1930.5	1881.5
27.5°	2051.9	2003.6	2024.2	1999.4	2022.8	1990.1	2008.6	2012.9	1993.7	1962.4	1911.3
30°	2086.0	2029.9	2049.1	2014.3	2029.2	1980.9	1981.6	1961.7	1944.7	1949.6	1931.9
32.5°	2141.4	2082.5	2095.2	2045.5	2060.4	1995.8	1980.2	1946.1	1892.8	1886.4	1909.2
35°	2145.0	2086.7	2100.2	2058.3	2076.1	2030.6	2010.0	1950.4	1877.9	1836.0	1843.1
37.5°	2189.7	2130.8	2132.2	2073.2	2078.9	2029.9	2020.7	1976.6	1890.0	1811.9	1782.0
40°	2292.0	2230.9	2230.9	2156.3	2149.2	2063.3	2024.2	1973.8	1912.0	1828.9	1755.0
42.5°	2449.7	2385.7	2409.2	2369.4	2358.7	2234.5	2127.2	2005.0	1914.8	1859.4	1764.3
45°	2428.4	2360.2	2379.3	2330.3	2331.0	2282.0	2291.3	2230.2	2024.9	1897.1	1828.9
47.5°	2479.5	2419.1	2439.7	2386.4	2396.4	2321.1	2257.9	2180.5	2107.3	2013.6	1827.5
50°	2521.4	2456.1	2483.8	2433.3	2458.2	2384.3	2346.0	2252.2	2105.2	1959.6	1843.1
52.5°	2711.7	2627.2	2639.3	2577.5	2565.4	2456.1	2356.6	2225.2	2069.0	1922.7	1806.9
55°	2614.4	2540.6	2564.0	2498.0	2494.4	2399.9	2336.7	2260.0	2151.4	1997.2	1888.6
57.5°	2927.7	2844.6	2866.6	2782.8	2768.6	2636.5	2538.4	2405.6	2334.6	2256.5	2120.1
60°	3380.1	3304.1	3365.9	3330.4	3402.1	3363.0	3412.8	3305.5	3197.6	2938.3	2588.2
62.5°	3555.5	3484.5	3571.9	3575.4	3714.6	3787.1	3963.9	4022.2	4003.7	3670.6	2936.2
64°	3536.3	3459.6	3521.4	3515.0	3642.9	3743.0	3934.1	4057.0	4088.9	3737.3	2935.5
65°	3456.1	3385.8	3454.7	3424.1	3518.6	3574.7	3726.0	3855.3	3947.6	3541.3	2833.9
67.5°	2910.6	2822.5	2897.8	2811.9	2839.6	2823.3	2848.1	2764.3	2782.1	2458.2	2290.6
70°	2093.1	2054.8	2030.6	1894.2	1798.4	1646.4	1479.5	1341.0	1365.8	1323.9	1555.5
72.5°	1413.4	1384.3	1370.8	1289.1	1232.3	1163.4	1087.4	973.0	981.6	1035.5	1136.4
75°	1094.5	1060.4	1055.4	979.4	919.1	863.0	799.7	742.9	796.9	943.2	973.8
77.5°	849.5	828.2	817.5	763.5	728.0	673.3	618.6	583.8	637.8	828.2	790.5
80°	774.9	755.7	751.4	712.4	688.2	632.8	581.0	541.9	519.2	668.3	580.3
82.5°	742.2	725.9	728.7	704.6	690.4	650.6	610.1	562.5	478.0	516.4	433.3
85°	729.4	715.2	713.8	671.9	652.0	610.8	561.8	505.0	427.6	391.3	362.2
87.5°	730.1	708.8	702.4	670.5	652.7	624.3	607.3	579.6	458.8	364.4	335.2
90°	828.2	808.3	811.1	794.8	805.4	776.3	759.3	727.3	522.7	372.9	358.0
92.5°	905.6	888.5	892.8	874.3	863.7	795.5	757.8	699.6	483.7	366.5	435.4
95°	750.7	747.2	754.3	725.9	703.1	631.4	583.8	528.4	399.9	418.3	456.0
97.5°	610.1	589.5	585.2	554.0	524.9	468.1	436.1	450.3	397.7	415.5	440.4
100°	450.3	438.2	450.3	448.9	457.4	473.0	516.4	522.7	375.0	364.4	329.6
102.5°	391.3	389.9	411.9	436.1	487.2	552.6	595.9	512.1	332.4	270.6	252.1
105°	439.6	438.2	470.2	495.8	537.0	524.2	475.9	377.9	253.6	225.2	237.9
107.5°	500.7	492.9	502.1	484.4	457.4	409.8	358.0	286.9	205.3	206.7	245.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
110°	490.1	491.5	481.6	461.0	427.6	406.3	378.6	327.4	250.0	199.6	247.2
112.5°	637.1	625.0	633.5	609.4	568.2	527.0	496.5	458.8	381.4	241.5	228.7
115°	539.1	529.8	529.1	514.9	502.1	480.1	439.6	402.0	338.1	218.8	179.7
117.5°	237.9	235.1	242.2	230.8	220.2	202.4	204.6	208.1	187.5	162.6	148.4
120°	169.8	168.3	169.0	166.2	164.8	163.4	163.4	161.2	174.0	159.8	142.8
122.5°	130.0	129.3	134.9	139.2	143.5	146.3	150.6	153.4	160.5	159.1	134.2
125°	134.2	132.8	137.1	137.1	142.8	141.3	149.2	159.1	169.0	152.0	117.9
127.5°	135.7	134.2	139.2	140.6	145.6	149.2	151.3	161.9	150.6	127.8	112.2
130°	144.2	140.6	142.1	142.1	148.4	147.7	147.7	132.1	124.3	119.3	101.6
132.5°	144.2	139.9	140.6	139.2	134.9	125.0	115.1	112.2	110.1	100.9	91.6
135°	120.7	115.1	113.6	110.8	107.2	100.1	96.6	94.5	95.2	92.3	86.7
137.5°	92.3	90.9	90.9	88.1	86.7	86.7	87.4	90.2	87.4	83.8	81.0
140°	81.0	79.5	81.0	81.0	78.8	77.4	80.3	83.1	82.4	75.3	74.6
142.5°	71.7	70.3	72.4	72.4	74.6	75.3	76.7	78.1	77.4	75.3	75.3
145°	68.9	68.2	70.3	68.9	69.6	68.9	72.4	78.8	81.0	73.2	66.1
147.5°	65.3	64.6	66.8	66.1	70.3	74.6	78.8	77.4	71.7	70.3	69.6
150°	87.4	85.9	87.4	86.7	83.1	80.3	79.5	79.5	78.8	73.9	66.1
152.5°	82.4	80.3	81.0	78.1	74.6	73.2	74.6	74.6	68.2	60.4	54.0
155°	72.4	69.6	70.3	67.5	63.9	60.4	58.2	55.4	51.8	45.5	38.4
157.5°	54.7	52.6	54.0	52.6	50.4	48.3	46.2	43.3	39.1	33.4	30.5
160°	46.2	43.3	43.3	41.9	41.9	38.4	36.9	34.1	30.5	27.0	27.0
162.5°	34.8	34.1	34.1	32.0	30.5	28.4	27.0	24.9	25.6	24.9	24.1
165°	22.7	21.3	22.0	20.6	20.6	21.3	22.7	23.4	22.0	22.0	25.6
167.5°	19.2	18.5	19.2	19.9	19.9	20.6	23.4	22.7	23.4	24.1	26.3
170°	21.3	20.6	21.3	21.3	22.0	22.7	22.7	24.9	25.6	24.9	23.4
172.5°	23.4	23.4	22.0	14.9	14.9	15.6	15.6	16.3	15.6	14.9	14.2
175°	5.0	5.0	5.7	5.7	5.7	5.7	6.4	7.1	7.1	7.1	7.8
177.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.7	5.7	5.0	6.4
180°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6
2.5°	1691.8	1691.8	1698.9	1674.1	1649.9	1682.6	1668.4	1652.8	1625.8	1629.3	1627.9
5°	1727.3	1724.5	1726.6	1698.2	1669.1	1698.9	1676.2	1654.2	1623.6	1622.2	1613.0
7.5°	1760.7	1751.5	1748.6	1718.1	1684.0	1706.7	1678.3	1649.9	1613.7	1606.6	1588.8
10°	1779.9	1766.4	1760.0	1726.6	1687.6	1706.0	1671.9	1635.7	1595.9	1580.3	1552.6
12.5°	1797.6	1779.9	1769.9	1735.9	1692.5	1701.8	1663.4	1623.6	1577.5	1555.5	1515.7
15°	1822.5	1799.8	1788.4	1753.6	1699.6	1706.0	1660.6	1612.3	1559.7	1529.2	1477.3
17.5°	1831.7	1809.0	1794.1	1756.5	1701.8	1700.3	1650.6	1593.8	1529.9	1488.0	1421.9
20°	1824.6	1804.0	1790.5	1753.6	1695.4	1686.1	1630.7	1566.8	1492.2	1436.1	1356.6
22.5°	1816.8	1792.0	1782.7	1743.7	1684.0	1670.5	1607.3	1532.7	1450.3	1377.9	1282.7
25°	1820.4	1779.9	1769.9	1736.6	1672.6	1654.9	1583.2	1498.6	1402.7	1316.1	1204.6
27.5°	1840.3	1777.8	1754.3	1725.2	1661.3	1641.4	1560.4	1462.4	1352.3	1247.9	1122.2
30°	1855.9	1782.7	1735.1	1703.9	1641.4	1617.2	1528.5	1416.2	1285.6	1169.8	1046.2
32.5°	1863.0	1785.6	1721.7	1676.9	1617.2	1586.7	1489.4	1363.7	1218.8	1089.5	970.9
35°	1843.1	1789.1	1713.8	1650.6	1590.3	1555.5	1447.5	1304.0	1142.8	1007.8	882.8
37.5°	1779.2	1778.5	1703.9	1629.3	1555.5	1520.7	1401.3	1240.8	1061.8	920.5	779.9
40°	1708.2	1732.3	1695.4	1608.7	1522.8	1488.0	1355.2	1172.6	977.3	817.5	645.6
42.5°	1677.6	1660.6	1675.5	1590.3	1494.4	1453.2	1299.8	1095.9	886.4	704.6	507.1
45°	1677.6	1600.9	1625.1	1575.3	1461.0	1414.1	1236.5	1010.7	792.6	595.2	387.8
47.5°	1689.0	1544.8	1532.0	1555.5	1425.5	1363.0	1169.8	923.3	696.0	469.5	294.0
50°	1696.8	1505.7	1433.3	1501.5	1377.9	1283.4	1080.3	828.9	582.4	355.1	227.3
52.5°	1637.8	1556.9	1375.0	1407.7	1313.3	1194.6	982.3	718.8	453.1	264.2	191.8
55°	1727.3	1523.5	1385.0	1295.5	1238.7	1082.4	869.3	595.2	333.1	202.4	170.5
57.5°	1861.6	1595.9	1354.5	1162.7	1105.9	953.2	747.9	458.1	235.1	169.8	146.3
60°	2101.6	1688.3	1261.4	990.8	899.9	791.2	597.3	323.2	172.6	144.9	120.0
62.5°	2432.6	1755.7	1153.5	839.5	692.5	596.6	417.6	213.8	140.6	117.9	99.4
64°	2512.9	1810.4	1093.8	745.1	572.5	476.6	314.6	173.3	125.0	101.6	86.7
65°	2485.2	1832.5	1061.8	682.6	492.9	399.2	258.5	156.3	115.1	93.8	80.3
67.5°	2228.1	1760.7	1017.8	554.7	329.6	242.9	172.6	123.6	95.2	78.8	67.5
70°	1718.8	1524.2	963.1	432.5	230.8	176.9	130.0	100.1	78.1	66.1	56.8
72.5°	1198.2	1128.6	730.1	341.6	172.6	132.1	103.0	81.7	65.3	56.1	49.0
75°	850.2	653.4	466.6	259.2	134.9	105.1	86.7	67.5	55.4	48.3	41.9
77.5°	623.6	411.2	233.7	175.4	110.1	93.0	75.3	58.2	46.9	41.2	36.2
80°	436.8	304.0	174.0	112.9	88.8	83.8	67.5	50.4	40.5	36.2	32.0
82.5°	341.6	251.4	151.3	94.5	72.4	71.7	59.7	43.3	36.2	32.0	28.4
85°	298.3	218.8	140.6	83.8	61.8	60.4	51.8	38.4	32.7	29.1	25.6
87.5°	299.0	208.8	139.9	83.8	59.0	53.3	46.2	34.8	29.8	26.3	23.4
90°	345.9	240.1	150.6	83.1	56.1	47.6	41.2	31.3	27.0	23.4	21.3
92.5°	399.9	274.9	136.4	82.4	55.4	45.5	39.1	29.1	25.6	22.7	20.6
95°	399.9	225.9	125.0	85.9	57.5	44.7	36.2	27.7	23.4	22.0	19.9
97.5°	310.4	181.1	134.9	101.6	62.5	48.3	36.9	26.3	22.0	20.6	19.2
100°	240.1	154.8	151.3	121.5	71.0	46.9	33.4	24.9	21.3	20.6	19.2
102.5°	213.8	143.5	129.3	113.6	65.3	42.6	31.3	24.1	21.3	19.9	18.5
105°	213.1	139.2	98.7	84.5	54.0	39.1	29.1	23.4	20.6	19.2	18.5
107.5°	225.2	150.6	90.9	69.6	49.7	38.4	29.1	22.0	19.9	18.5	19.9



REPORT NUMBER: P208576  
 CATALOG NUMBER: XTOR6BRL-W

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
110°	225.9	163.4	96.6	63.9	44.7	38.4	30.5	21.3	19.2	19.2	24.9
112.5°	218.8	167.6	108.0	61.1	43.3	37.6	31.3	21.3	18.5	19.9	24.1
115°	179.7	158.4	110.8	67.5	44.7	35.5	29.8	21.3	19.2	19.2	19.2
117.5°	147.7	129.3	98.0	66.8	39.8	29.8	24.9	19.2	17.8	17.0	17.0
120°	121.5	91.6	72.4	55.4	36.2	25.6	21.3	17.8	16.3	16.3	15.6
122.5°	98.7	79.5	64.6	47.6	32.0	23.4	20.6	17.8	16.3	16.3	15.6
125°	94.5	78.8	64.6	46.2	31.3	23.4	21.3	18.5	16.3	16.3	16.3
127.5°	88.1	68.9	54.7	44.7	32.0	22.7	21.3	18.5	17.0	16.3	17.0
130°	79.5	63.2	51.8	41.9	29.8	24.1	21.3	19.2	17.8	17.8	18.5
132.5°	74.6	59.7	49.0	39.8	29.8	25.6	22.7	19.9	18.5	18.5	17.8
135°	73.9	56.1	45.5	36.2	28.4	24.1	21.3	18.5	17.8	17.0	16.3
137.5°	76.0	63.9	45.5	36.2	31.3	25.6	20.6	17.8	17.0	16.3	15.6
140°	72.4	59.7	48.3	36.2	33.4	27.7	20.6	17.8	16.3	16.3	15.6
142.5°	63.9	55.4	45.5	34.8	34.1	29.1	20.6	17.8	16.3	15.6	14.9
145°	61.1	52.6	44.0	37.6	35.5	29.8	21.3	17.0	15.6	14.9	14.2
147.5°	62.5	54.7	44.7	34.8	35.5	27.7	19.9	16.3	14.9	14.9	14.2
150°	55.4	46.9	39.1	30.5	34.8	26.3	18.5	15.6	14.9	14.9	14.2
152.5°	42.6	36.9	32.0	31.3	32.7	24.9	18.5	16.3	14.9	14.9	13.5
155°	32.7	30.5	28.4	32.7	30.5	24.1	18.5	16.3	14.9	14.2	13.5
157.5°	29.1	27.0	29.8	34.1	28.4	22.7	17.8	15.6	14.2	13.5	12.1
160°	24.9	27.7	31.3	32.0	26.3	21.3	16.3	14.9	13.5	12.8	11.4
162.5°	25.6	29.1	30.5	29.8	22.0	18.5	14.9	13.5	12.8	12.1	10.7
165°	28.4	29.8	28.4	25.6	19.2	15.6	14.2	12.8	12.1	11.4	10.7
167.5°	26.3	26.3	26.3	22.0	17.8	14.9	13.5	12.1	11.4	10.7	9.9
170°	19.2	15.6	14.2	12.8	12.1	11.4	11.4	10.7	10.7	9.9	9.2
172.5°	14.2	12.8	12.1	11.4	10.7	10.7	10.7	9.9	9.9	9.9	9.2
175°	7.8	7.8	8.5	8.5	8.5	9.2	9.2	8.5	8.5	8.5	7.8
177.5°	6.4	7.1	7.8	7.8	7.8	8.5	8.5	7.8	8.5	7.8	7.8
180°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



REPORT NUMBER: P208576  
 CATALOG NUMBER: XTOR6BRL-W

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6	1655.6
2.5°	1628.6	1615.1	1603.8	1623.6	1616.5	1591.7	1610.9	1588.8	1599.5	1605.9	1579.6
5°	1607.3	1588.8	1568.9	1579.6	1567.5	1539.8	1548.4	1521.4	1526.3	1527.8	1497.9
7.5°	1571.8	1548.4	1519.9	1522.8	1498.6	1462.4	1463.8	1427.6	1424.1	1419.1	1384.3
10°	1528.5	1495.8	1457.4	1445.4	1413.4	1369.4	1358.0	1314.0	1301.2	1287.0	1249.3
12.5°	1483.0	1439.7	1389.3	1364.4	1318.9	1269.9	1245.1	1199.6	1184.0	1169.8	1137.1
15°	1431.9	1375.8	1311.1	1269.2	1218.8	1173.3	1152.0	1106.6	1090.2	1071.8	1039.8
17.5°	1365.8	1291.9	1213.1	1173.3	1129.3	1084.6	1056.9	1004.3	977.3	946.8	899.2
20°	1284.1	1197.5	1125.0	1086.0	1039.8	985.8	940.4	871.5	803.3	745.1	685.4
22.5°	1196.8	1115.8	1046.9	997.2	932.6	858.0	773.5	679.0	608.0	556.1	512.1
25°	1115.1	1039.8	955.3	888.5	794.1	685.4	590.9	507.8	442.5	406.3	358.7
27.5°	1038.4	953.9	849.5	745.8	622.2	518.5	436.8	370.0	327.4	299.0	279.8
30°	954.6	853.0	711.7	581.0	468.1	384.2	326.7	287.7	272.0	264.9	256.4
32.5°	856.6	715.2	559.7	436.8	354.4	299.7	275.6	262.8	255.7	252.1	253.6
35°	742.9	575.3	422.6	331.7	286.2	267.1	258.5	245.7	243.6	252.1	269.9
37.5°	605.1	442.5	326.0	277.0	262.8	250.0	235.8	233.0	252.8	266.3	243.6
40°	458.8	335.9	270.6	252.8	242.9	225.9	224.4	239.4	247.9	213.1	193.9
42.5°	336.7	267.1	240.8	231.5	214.5	210.9	222.3	231.5	198.2	184.0	174.7
45°	262.8	225.9	214.5	203.8	196.0	201.0	222.3	185.4	173.3	162.6	155.5
47.5°	220.2	204.6	184.0	179.0	186.8	209.5	181.1	158.4	154.1	155.5	152.0
50°	196.7	179.7	159.8	159.1	180.4	182.5	152.0	145.6	147.0	142.8	134.9
52.5°	174.7	155.5	140.6	142.8	173.3	145.6	139.9	126.4	127.1	132.8	133.5
55°	149.9	133.5	124.3	124.3	137.8	128.6	112.9	114.4	112.9	112.9	108.7
57.5°	125.7	115.8	110.8	116.5	115.8	104.4	105.8	96.6	91.6	103.0	98.7
60°	107.2	100.9	98.7	108.7	97.3	90.9	85.9	85.9	81.7	79.5	74.6
62.5°	90.9	87.4	90.2	86.7	83.1	76.7	77.4	72.4	68.9	66.8	65.3
64°	83.1	81.0	81.7	77.4	73.2	71.0	68.2	66.8	64.6	61.8	59.0
65°	77.4	76.7	76.7	73.2	67.5	66.1	63.9	63.2	61.1	61.1	58.2
67.5°	64.6	65.3	65.3	61.8	56.8	54.7	53.3	54.7	54.0	52.6	50.4
70°	54.0	55.4	54.7	52.6	49.7	46.9	44.7	46.2	45.5	46.9	43.3
72.5°	46.2	44.7	46.2	44.7	43.3	41.9	39.1	39.8	41.2	42.6	37.6
75°	39.1	37.6	40.5	39.8	39.1	36.9	34.8	35.5	36.9	36.9	32.0
77.5°	34.1	33.4	35.5	36.2	35.5	32.7	29.8	32.0	33.4	30.5	27.0
80°	30.5	29.8	30.5	33.4	31.3	28.4	27.0	29.8	29.8	25.6	22.7
82.5°	27.7	27.0	27.0	32.0	28.4	24.9	26.3	27.7	26.3	22.0	19.2
85°	24.9	24.1	26.3	32.7	26.3	23.4	24.1	25.6	22.7	17.8	15.6
87.5°	22.7	22.7	27.7	36.9	25.6	21.3	25.6	27.7	19.9	14.9	12.8
90°	20.6	21.3	30.5	41.2	22.0	19.2	30.5	32.0	18.5	12.1	9.9
92.5°	19.9	20.6	29.1	35.5	21.3	21.3	34.8	32.7	17.8	12.1	9.9
95°	19.9	20.6	25.6	27.7	21.3	22.7	32.7	28.4	17.0	12.8	10.7
97.5°	19.2	20.6	24.1	24.1	22.0	22.7	25.6	22.7	15.6	13.5	11.4
100°	19.2	20.6	23.4	22.7	22.0	22.0	22.0	19.9	15.6	14.2	11.4
102.5°	19.2	22.0	22.0	21.3	21.3	21.3	20.6	19.2	16.3	14.9	12.1
105°	19.9	22.7	19.9	19.2	19.9	19.2	18.5	17.8	16.3	14.2	12.1
107.5°	22.7	20.6	17.8	18.5	18.5	17.8	17.0	15.6	15.6	13.5	10.7



REPORT NUMBER: P208576  
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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
110°	23.4	17.8	17.0	17.8	18.5	17.0	15.6	14.9	14.9	12.1	9.9	0°
112.5°	19.2	16.3	16.3	17.8	17.8	16.3	14.2	14.2	13.5	10.7	9.2	2.5°
115°	17.8	16.3	16.3	18.5	18.5	15.6	13.5	13.5	12.8	10.7	8.5	5°
117.5°	17.0	16.3	17.0	19.2	17.8	14.2	13.5	12.8	12.1	10.7	8.5	7.5°
120°	16.3	17.0	18.5	19.2	16.3	13.5	12.8	12.1	11.4	9.9	8.5	10°
122.5°	17.0	19.2	21.3	19.2	15.6	13.5	12.8	12.1	11.4	9.2	8.5	12.5°
125°	18.5	22.0	22.0	17.8	14.9	13.5	12.1	12.1	10.7	9.2	7.8	15°
127.5°	19.9	21.3	19.2	16.3	14.2	12.8	12.1	11.4	10.7	8.5	7.8	17.5°
130°	19.2	19.2	17.0	15.6	14.2	12.8	11.4	10.7	9.9	8.5	7.1	20°
132.5°	17.8	17.0	15.6	15.6	14.2	12.8	11.4	10.7	9.2	7.8	7.1	22.5°
135°	16.3	15.6	14.9	14.9	13.5	12.1	11.4	10.7	9.2	7.8	6.4	25°
137.5°	15.6	14.9	14.2	14.2	12.8	11.4	10.7	9.9	9.2	7.8	7.1	27.5°
140°	15.6	14.9	13.5	12.8	12.1	10.7	9.9	9.2	8.5	7.8	7.1	30°
142.5°	14.9	14.2	12.8	12.8	11.4	10.7	9.9	9.2	8.5	7.1	6.4	32.5°
145°	14.2	13.5	12.8	12.1	11.4	9.9	9.2	8.5	7.8	7.1	6.4	35°
147.5°	13.5	12.8	12.1	11.4	10.7	9.2	8.5	8.5	7.8	7.1	6.4	37.5°
150°	13.5	12.8	11.4	11.4	9.9	9.2	8.5	7.8	7.8	7.1	6.4	40°
152.5°	12.8	12.1	11.4	10.7	9.9	8.5	7.8	7.8	7.1	6.4	6.4	42.5°
155°	12.8	11.4	10.7	9.9	9.2	7.8	7.8	7.1	7.1	6.4	5.7	45°
157.5°	12.1	11.4	9.9	9.2	8.5	7.8	7.1	7.1	6.4	6.4	5.7	47.5°
160°	11.4	10.7	9.2	9.2	7.8	7.1	7.1	7.1	6.4	5.7	5.0	50°
162.5°	10.7	9.9	9.2	9.2	7.8	7.1	7.1	6.4	6.4	5.7	5.0	52.5°
165°	10.7	9.9	9.2	8.5	7.8	7.1	6.4	6.4	5.7	5.7	5.0	55°
167.5°	9.2	9.2	8.5	8.5	7.1	6.4	6.4	5.7	5.7	5.0	5.0	57.5°
170°	9.2	9.2	8.5	7.8	7.1	6.4	5.7	5.7	5.7	5.0	5.0	60°
172.5°	9.2	8.5	7.8	7.1	6.4	5.7	5.7	5.7	5.0	5.0	4.3	62.5°
175°	7.8	7.8	7.1	7.1	6.4	5.7	5.0	5.0	5.0	4.3	4.3	64°
177.5°	7.8	7.8	7.1	6.4	5.7	5.0	5.0	5.0	4.3	4.3	3.6	65°
180°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°

NUMBER: P208576  
 NUMBER: XTOR6BRL-W

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

165°	170°	175°	180°
1655.6	1655.6	1655.6	1655.6
1588.1	1582.4	1578.9	1549.8
1506.4	1497.2	1493.0	1468.1
1389.3	1375.8	1372.9	1352.3
1251.5	1233.0	1232.3	1213.8
1140.0	1122.9	1127.2	1105.2
1032.0	1012.1	1015.7	1002.2
872.2	843.1	846.6	826.0
654.9	628.6	629.3	612.9
483.0	453.1	453.9	441.8
337.4	321.0	317.5	309.0
270.6	267.1	266.3	261.4
255.7	253.6	255.0	252.1
260.0	270.6	278.4	279.8
280.5	273.4	269.9	260.0
223.0	210.9	202.4	195.3
186.1	180.4	178.3	174.0
167.6	161.9	161.9	159.1
156.3	154.8	152.7	149.9
153.4	147.0	142.8	139.2
140.6	135.7	135.7	133.5
127.8	121.5	116.5	113.6
109.4	106.5	104.4	102.3
92.3	85.9	81.0	78.8
72.4	67.5	64.6	62.5
61.8	59.0	56.8	56.1
59.0	56.1	54.7	53.3
55.4	52.6	49.0	48.3
47.6	44.7	43.3	42.6
41.2	38.4	37.6	36.9
36.2	34.1	33.4	33.4
30.5	28.4	27.7	27.7
25.6	24.1	22.7	22.0
21.3	19.9	19.2	18.5
17.8	16.3	15.6	15.6
13.5	12.8	11.4	11.4
11.4	9.9	8.5	8.5
8.5	7.8	7.1	6.4
9.2	7.8	7.1	7.1
9.2	8.5	7.8	7.1
9.9	8.5	7.1	7.1
9.9	8.5	7.1	7.1
9.9	7.8	6.4	6.4
9.9	7.8	6.4	6.4
9.9	7.8	6.4	6.4

**CANDELA DISTRIBUTION:**

	165°
110°	8.5
112.5°	7.8
115°	7.8
117.5°	8.5
120°	7.8
122.5°	7.8
125°	7.8
127.5°	7.1
130°	6.4
132.5°	6.4
135°	6.4
137.5°	6.4
140°	6.4
142.5°	6.4
145°	6.4
147.5°	5.7
150°	5.7
152.5°	5.7
155°	5.7
157.5°	5.7
160°	5.0
162.5°	5.0
165°	5.0
167.5°	5.0
170°	5.0
172.5°	4.3
175°	4.3
177.5°	3.6
180°	5.7

'208576  
XTOR6BRL-W

**TION (continued):**

170°	175°	180°
7.1	6.4	6.4
6.4	5.7	6.4
6.4	6.4	6.4
7.1	6.4	6.4
6.4	6.4	6.4
6.4	6.4	6.4
6.4	6.4	7.1
6.4	6.4	6.4
5.7	6.4	6.4
5.7	6.4	6.4
5.7	6.4	5.7
5.7	5.7	6.4
5.7	5.7	5.7
5.7	5.7	5.7
5.7	5.7	5.7
5.7	5.7	5.7
5.7	5.7	5.7
5.7	5.7	5.7
5.7	5.7	5.7
5.0	5.0	5.7
5.0	5.0	5.0
5.0	5.0	5.0
5.0	4.3	5.0
4.3	4.3	4.3
4.3	4.3	4.3
4.3	4.3	4.3
3.6	3.6	3.6
5.7	5.7	5.7

(END OF REPORT)