

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: P208577

Luminaire Tested: **XTOR6BRL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P208577
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
Description: CROSSTOUR WALL MOUNT LED WITH REFRACTIVE LENS

Light Source: EATON LED 5000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6225.3 lumens
Efficiency: N/A
Efficacy: 107.3 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 - G3

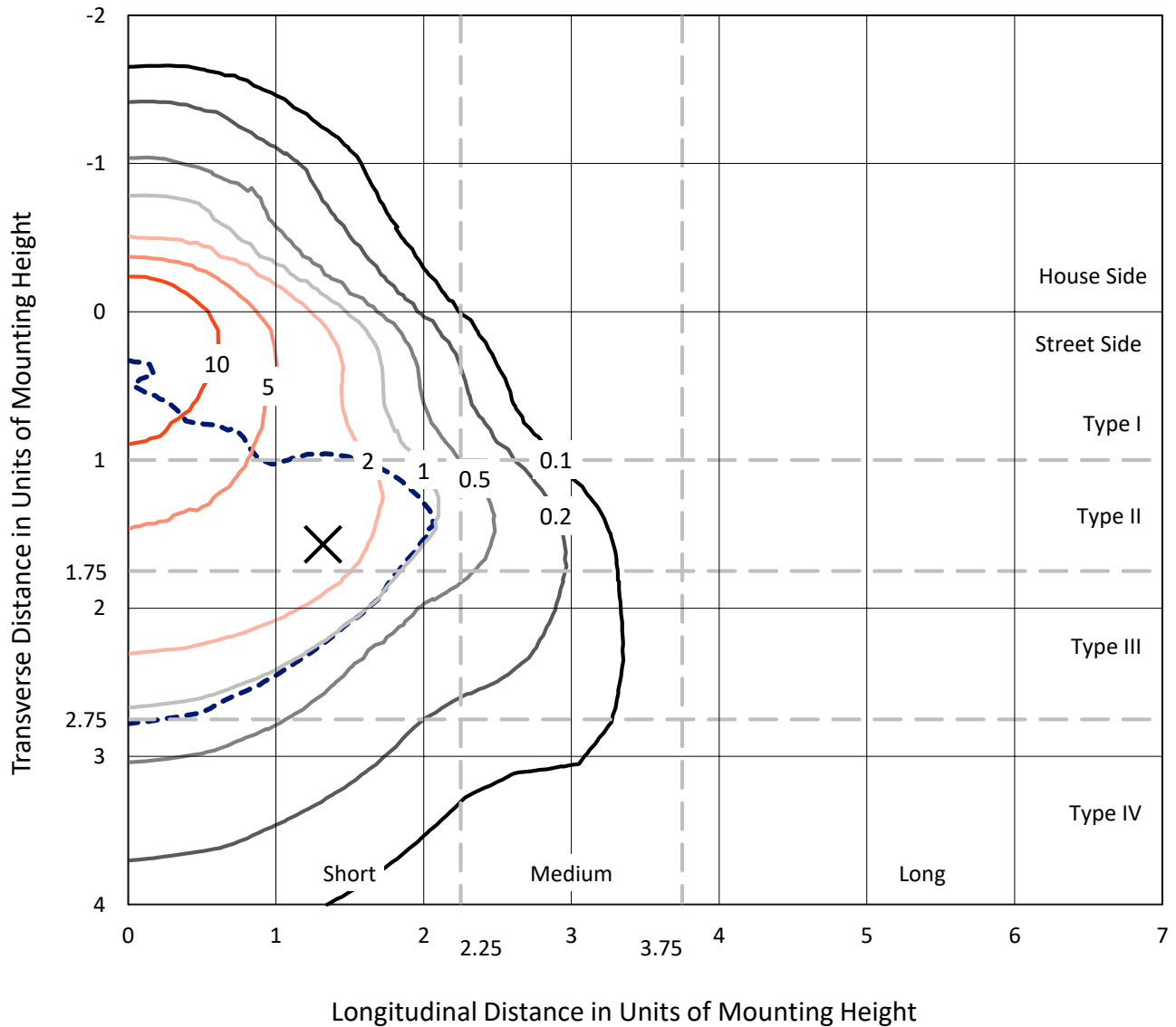
Input Watts (W): 58
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

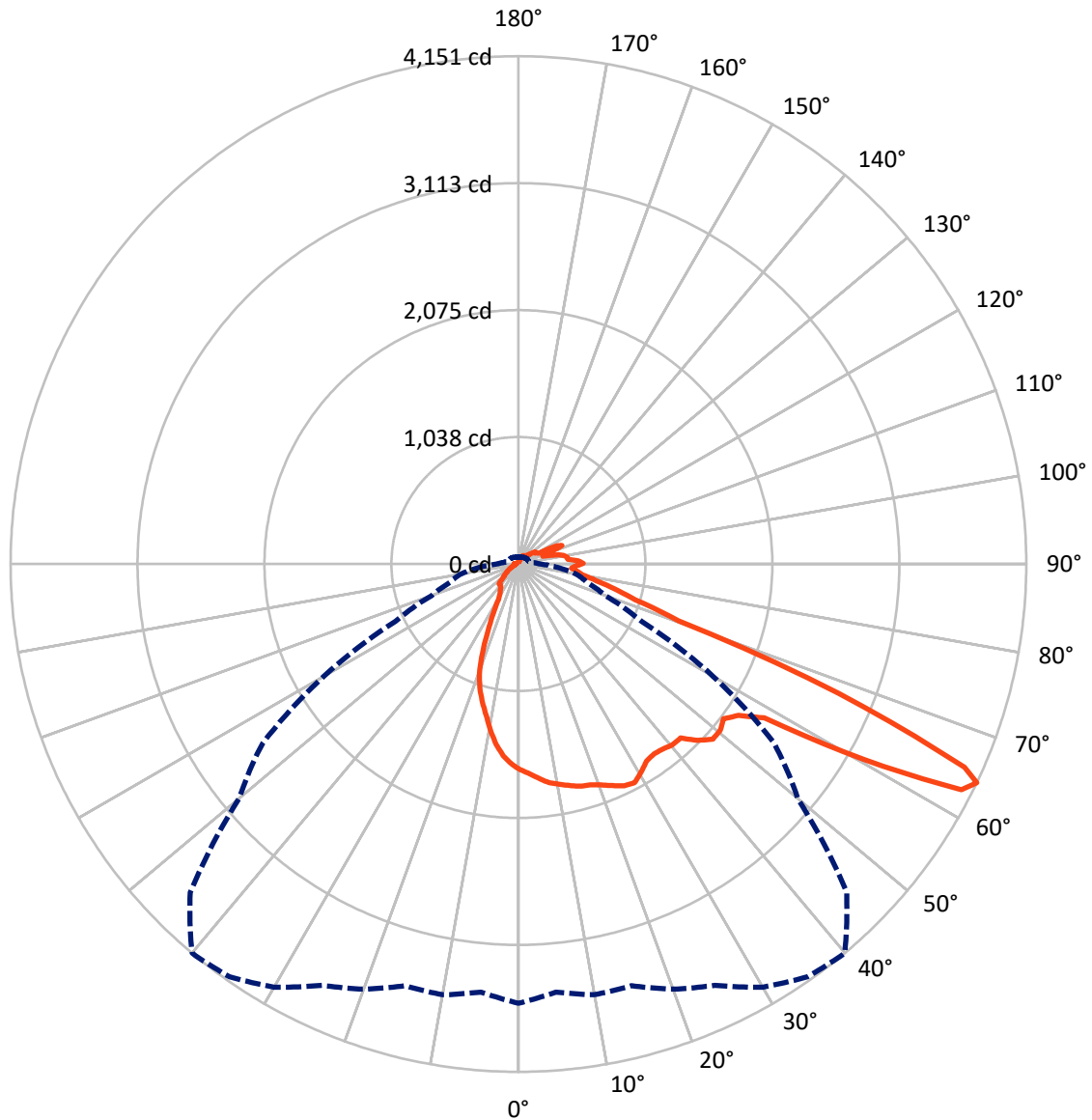
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.2 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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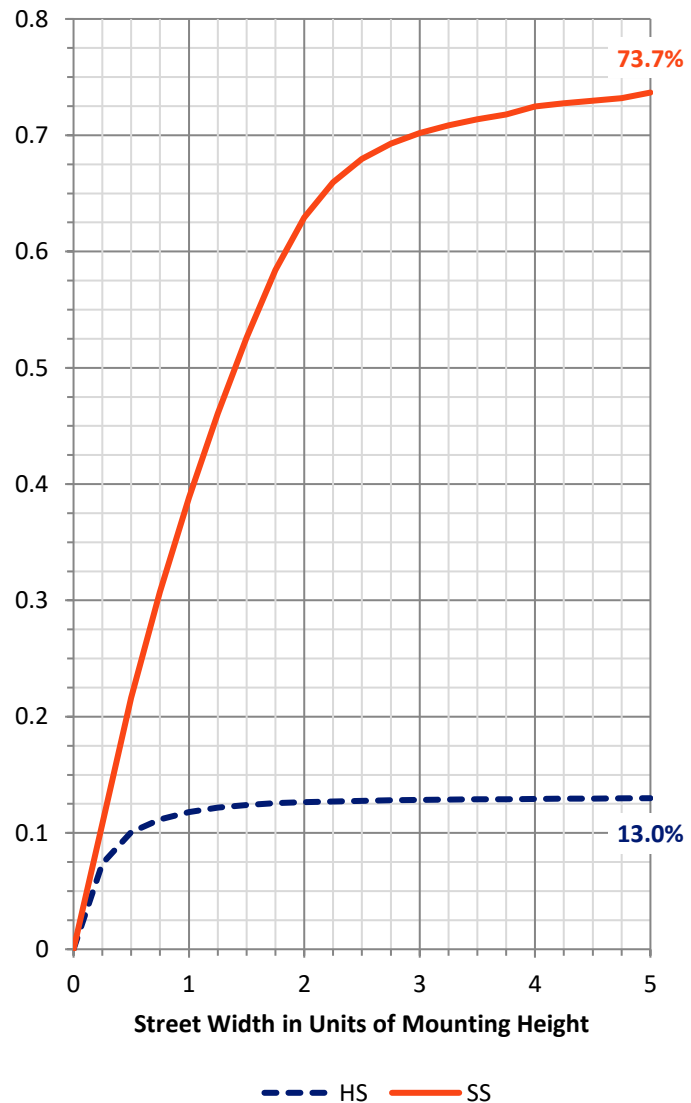
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	823.7	44.3	868.0
	% Fixture	13.2	0.7	13.9
Street Side	Lumens	4757.8	599.5	5357.3
	% Fixture	76.4	9.6	86.1
Total	Lumens	5581.5	643.8	6225.3
	% Fixture	89.7	10.3	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.5	2.5
10°-20°	436.3	7.0
20°-30°	618.4	9.9
30°-40°	737.6	11.8
40°-50°	855.2	13.7
50°-60°	973.5	15.6
60°-70°	1145.4	18.4
70°-80°	417.3	6.7
80°-90°	240.4	3.9
90°-100°	231.6	3.7
100°-110°	155.8	2.5
110°-120°	126.0	2.0
120°-130°	53.8	0.9
130°-140°	35.6	0.6
140°-150°	22.3	0.4
150°-160°	13.2	0.2
160°-170°	4.6	0.1
170°-180°	0.9	0.0
0°-90°	5581.5	89.7
0°-180°	6225.3	100.0



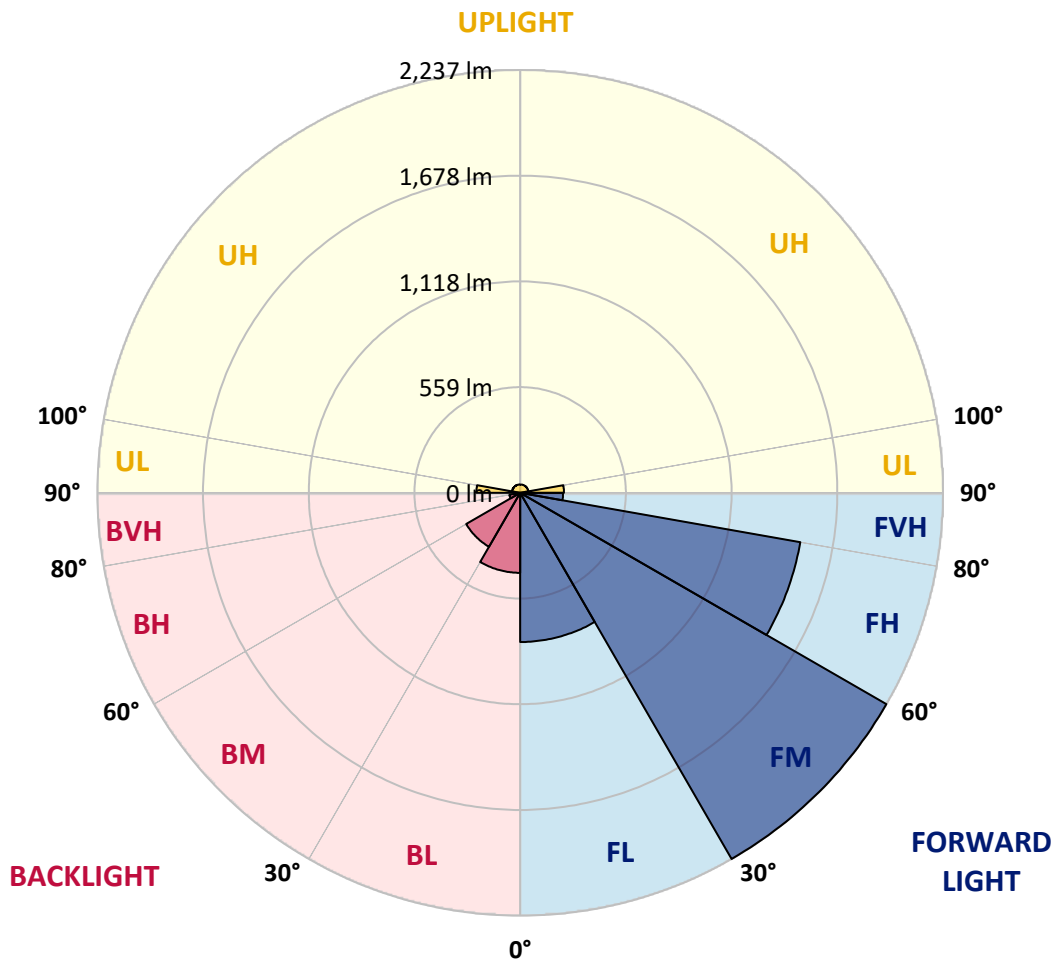
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	789.0	12.7			
FM	(30°-60°)	2236.7	35.9			
FH	(60°-80°)	1504.8	24.2			G1/1800
FVH	(80°-90°)	227.2	3.6			G3/500
BL	(0°-30°)	423.2	6.8	B1/500		
BM	(30°-60°)	329.5	5.3	B1/1000		
BH	(60°-80°)	57.9	0.9	B0/110		G0/110
BVH	(80°-90°)	13.2	0.2			G1/100
UL	(90°-100°)	231.6	3.7		U3/500	
UH	(100°-180°)	44.3	0.7		U2/50	

BUG Rating: B1-U3-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6
2.5°	1752.7	1713.0	1719.5	1708.0	1742.6	1723.1	1742.6	1744.7	1715.9	1713.7	1718.8
5°	1814.7	1772.1	1780.8	1763.5	1797.4	1777.9	1798.8	1793.0	1759.9	1754.8	1759.9
7.5°	1871.6	1824.8	1836.3	1816.1	1849.3	1829.1	1847.8	1837.7	1805.3	1795.9	1795.2
10°	1915.6	1866.6	1878.1	1856.5	1887.5	1866.6	1879.6	1865.1	1830.5	1820.4	1819.0
12.5°	1943.7	1894.7	1905.5	1885.3	1917.8	1894.7	1906.2	1894.7	1857.9	1845.0	1841.3
15°	1992.8	1940.1	1947.3	1927.9	1956.7	1925.0	1932.9	1920.7	1884.6	1872.4	1868.0
17.5°	2061.2	2010.8	2022.3	1994.9	2019.4	1976.2	1969.0	1942.3	1897.6	1886.0	1879.6
20°	2123.2	2072.1	2090.1	2062.7	2087.2	2036.7	2020.9	1986.3	1927.9	1891.8	1877.4
22.5°	2124.7	2077.1	2104.5	2087.2	2126.9	2078.5	2072.1	2033.1	1966.8	1917.8	1883.9
25°	2074.2	2029.5	2057.6	2044.7	2092.2	2066.3	2087.2	2067.7	2008.6	1959.6	1909.8
27.5°	2082.9	2033.8	2054.8	2029.5	2053.3	2020.1	2038.9	2043.2	2023.8	1992.0	1940.1
30°	2117.5	2060.5	2080.0	2044.7	2059.8	2010.8	2011.5	1991.3	1974.0	1979.1	1961.0
32.5°	2173.7	2113.9	2126.9	2076.4	2091.5	2025.9	2010.1	1975.4	1921.4	1914.9	1938.0
35°	2177.3	2118.2	2131.9	2089.4	2107.4	2061.2	2040.3	1979.8	1906.2	1863.7	1870.9
37.5°	2222.7	2162.9	2164.3	2104.5	2110.3	2060.5	2051.2	2006.5	1918.5	1839.2	1808.9
40°	2326.6	2264.6	2264.6	2188.9	2181.6	2094.4	2054.8	2003.6	1940.8	1856.5	1781.5
42.5°	2486.6	2421.7	2445.5	2405.1	2394.3	2268.2	2159.3	2035.3	1943.7	1887.5	1790.9
45°	2465.0	2395.8	2415.2	2365.5	2366.2	2316.5	2325.8	2263.8	2055.5	1925.7	1856.5
47.5°	2516.9	2455.6	2476.5	2422.4	2432.5	2356.1	2292.0	2213.4	2139.1	2043.9	1855.0
50°	2559.4	2493.1	2521.2	2470.0	2495.3	2420.3	2381.4	2286.2	2136.9	1989.1	1870.9
52.5°	2752.7	2666.9	2679.1	2616.4	2604.1	2493.1	2392.2	2258.8	2100.2	1951.7	1834.1
55°	2653.9	2578.9	2602.7	2535.6	2532.0	2436.1	2372.0	2294.1	2183.8	2027.4	1917.1
57.5°	2971.8	2887.5	2909.8	2824.7	2810.3	2676.2	2576.7	2441.9	2369.8	2290.5	2152.1
60°	3431.1	3353.9	3416.7	3380.6	3453.4	3413.8	3464.2	3355.4	3245.8	2982.6	2627.2
62.5°	3609.2	3537.1	3625.7	3629.3	3770.7	3844.2	4023.7	4082.8	4064.1	3726.0	2980.5
64°	3589.7	3511.8	3574.6	3568.1	3697.8	3799.5	3993.4	4118.2	4150.6	3793.7	2979.8
65°	3508.2	3436.8	3506.8	3475.8	3571.7	3628.6	3782.2	3913.4	4007.1	3594.7	2876.7
67.5°	2954.5	2865.1	2941.5	2854.3	2882.4	2865.8	2891.1	2806.0	2824.0	2495.3	2325.1
70°	2124.7	2085.8	2061.2	1922.8	1825.5	1671.2	1501.8	1361.2	1386.4	1343.9	1578.9
72.5°	1434.7	1405.2	1391.5	1308.6	1250.9	1180.9	1103.8	987.7	996.4	1051.2	1153.5
75°	1111.0	1076.4	1071.4	994.2	932.9	876.0	811.8	754.1	808.9	957.4	988.4
77.5°	862.3	840.6	829.8	775.0	739.0	683.5	628.0	592.6	647.4	840.6	802.4
80°	786.6	767.1	762.8	723.1	698.6	642.4	589.8	550.1	527.0	678.4	589.0
82.5°	753.4	736.8	739.7	715.2	700.8	660.4	619.3	571.0	485.2	524.1	439.8
85°	740.4	726.0	724.6	682.0	661.8	620.0	570.3	512.6	434.0	397.3	367.7
87.5°	741.2	719.5	713.0	680.6	662.6	633.7	616.4	588.3	465.7	369.9	340.3
90°	840.6	820.5	823.3	806.8	817.6	788.0	770.7	738.3	530.6	378.5	363.4
92.5°	919.2	901.9	906.3	887.5	876.7	807.5	769.3	710.2	491.0	372.0	442.0
95°	762.1	758.5	765.7	736.8	713.8	640.9	592.6	536.4	405.9	424.6	462.9
97.5°	619.3	598.4	594.1	562.4	532.8	475.1	442.7	457.1	403.7	421.8	447.0
100°	457.1	444.8	457.1	455.7	464.3	480.2	524.1	530.6	380.7	369.9	334.5
102.5°	397.3	395.8	418.2	442.7	494.6	560.9	604.9	519.8	337.4	274.7	255.9
105°	446.3	444.8	477.3	503.2	545.1	532.1	483.0	383.6	257.4	228.5	241.5
107.5°	508.3	500.4	509.7	491.7	464.3	416.0	363.4	291.3	208.4	209.8	248.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
110°	497.5	498.9	488.8	467.9	434.0	412.4	384.3	332.4	253.8	202.6	250.9
112.5°	646.7	634.5	643.1	618.6	576.8	535.0	504.0	465.7	387.2	245.1	232.2
115°	547.2	537.8	537.1	522.7	509.7	487.4	446.3	408.1	343.2	222.1	182.4
117.5°	241.5	238.6	245.8	234.3	223.5	205.5	207.6	211.2	190.3	165.1	150.7
120°	172.3	170.9	171.6	168.7	167.3	165.8	165.8	163.7	176.6	162.2	144.9
122.5°	131.9	131.2	137.0	141.3	145.6	148.5	152.8	155.7	162.9	161.5	136.3
125°	136.3	134.8	139.1	139.1	144.9	143.5	151.4	161.5	171.6	154.3	119.7
127.5°	137.7	136.3	141.3	142.8	147.8	151.4	153.6	164.4	152.8	129.8	113.9
130°	146.4	142.8	144.2	144.2	150.7	150.0	150.0	134.1	126.2	121.1	103.1
132.5°	146.4	142.0	142.8	141.3	137.0	126.9	116.8	113.9	111.7	102.4	93.0
135°	122.6	116.8	115.4	112.5	108.9	101.7	98.1	95.9	96.6	93.7	88.0
137.5°	93.7	92.3	92.3	89.4	88.0	88.0	88.7	91.6	88.7	85.1	82.2
140°	82.2	80.7	82.2	82.2	80.0	78.6	81.5	84.4	83.6	76.4	75.7
142.5°	72.8	71.4	73.5	73.5	75.7	76.4	77.9	79.3	78.6	76.4	76.4
145°	69.9	69.2	71.4	69.9	70.7	69.9	73.5	80.0	82.2	74.3	67.0
147.5°	66.3	65.6	67.8	67.0	71.4	75.7	80.0	78.6	72.8	71.4	70.7
150°	88.7	87.2	88.7	88.0	84.4	81.5	80.7	80.7	80.0	75.0	67.0
152.5°	83.6	81.5	82.2	79.3	75.7	74.3	75.7	75.7	69.2	61.3	54.8
155°	73.5	70.7	71.4	68.5	64.9	61.3	59.1	56.2	52.6	46.1	38.9
157.5°	55.5	53.4	54.8	53.4	51.2	49.0	46.9	44.0	39.7	33.9	31.0
160°	46.9	44.0	44.0	42.5	42.5	38.9	37.5	34.6	31.0	27.4	27.4
162.5°	35.3	34.6	34.6	32.4	31.0	28.8	27.4	25.2	26.0	25.2	24.5
165°	23.1	21.6	22.3	20.9	20.9	21.6	23.1	23.8	22.3	22.3	26.0
167.5°	19.5	18.7	19.5	20.2	20.2	20.9	23.8	23.1	23.8	24.5	26.7
170°	21.6	20.9	21.6	21.6	22.3	23.1	23.1	25.2	26.0	25.2	23.8
172.5°	23.8	23.8	22.3	15.1	15.1	15.9	15.9	16.6	15.9	15.1	14.4
175°	5.0	5.0	5.8	5.8	5.8	5.8	6.5	7.2	7.2	7.2	7.9
177.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.8	5.8	5.0	6.5
180°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6
2.5°	1717.3	1717.3	1724.6	1699.3	1674.8	1708.0	1693.6	1677.7	1650.3	1653.9	1652.5
5°	1753.4	1750.5	1752.7	1723.8	1694.3	1724.6	1701.5	1679.1	1648.1	1646.7	1637.3
7.5°	1787.3	1777.9	1775.0	1744.0	1709.4	1732.5	1703.6	1674.8	1638.0	1630.8	1612.8
10°	1806.7	1793.0	1786.6	1752.7	1713.0	1731.8	1697.2	1660.4	1620.0	1604.2	1576.0
12.5°	1824.8	1806.7	1796.6	1762.0	1718.1	1727.4	1688.5	1648.1	1601.3	1578.9	1538.5
15°	1850.0	1826.9	1815.4	1780.1	1725.3	1731.8	1685.6	1636.6	1583.2	1552.2	1499.6
17.5°	1859.4	1836.3	1821.2	1783.0	1727.4	1726.0	1675.5	1617.8	1553.0	1510.4	1443.4
20°	1852.2	1831.3	1817.6	1780.1	1720.9	1711.6	1655.3	1590.5	1514.8	1457.8	1377.0
22.5°	1844.2	1819.0	1809.6	1770.0	1709.4	1695.7	1631.5	1555.8	1472.2	1398.7	1302.1
25°	1847.8	1806.7	1796.6	1762.8	1697.9	1679.9	1607.0	1521.2	1423.9	1336.0	1222.8
27.5°	1868.0	1804.6	1780.8	1751.2	1686.3	1666.2	1584.0	1484.5	1372.7	1266.7	1139.1
30°	1883.9	1809.6	1761.3	1729.6	1666.2	1641.6	1551.5	1437.6	1305.0	1187.4	1062.0
32.5°	1891.1	1812.5	1747.6	1702.2	1641.6	1610.6	1511.9	1384.3	1237.2	1106.0	985.6
35°	1870.9	1816.1	1739.7	1675.5	1614.2	1578.9	1469.3	1323.7	1160.0	1023.1	896.2
37.5°	1806.0	1805.3	1729.6	1653.9	1578.9	1543.6	1422.5	1259.5	1077.8	934.4	791.6
40°	1733.9	1758.4	1720.9	1633.0	1545.8	1510.4	1375.6	1190.3	992.1	829.8	655.4
42.5°	1702.9	1685.6	1700.8	1614.2	1516.9	1475.1	1319.4	1112.5	899.8	715.2	514.8
45°	1702.9	1625.1	1649.6	1599.1	1483.0	1435.4	1255.2	1025.9	804.6	604.2	393.6
47.5°	1714.5	1568.1	1555.1	1578.9	1447.0	1383.5	1187.4	937.3	706.5	476.6	298.5
50°	1722.4	1528.4	1454.9	1524.1	1398.7	1302.8	1096.6	841.4	591.2	360.5	230.7
52.5°	1662.5	1580.4	1395.8	1429.0	1333.1	1212.7	997.1	729.6	460.0	268.2	194.7
55°	1753.4	1546.5	1405.9	1315.0	1257.4	1098.8	882.5	604.2	338.1	205.5	173.0
57.5°	1889.7	1620.0	1374.9	1180.2	1122.5	967.5	759.2	465.0	238.6	172.3	148.5
60°	2133.3	1713.7	1280.4	1005.7	913.5	803.2	606.3	328.0	175.2	147.1	121.8
62.5°	2469.3	1782.2	1170.9	852.2	702.9	605.6	423.9	217.0	142.8	119.7	100.9
64°	2550.8	1837.7	1110.3	756.3	581.1	483.8	319.4	175.9	126.9	103.1	88.0
65°	2522.7	1860.1	1077.8	692.8	500.4	405.2	262.4	158.6	116.8	95.2	81.5
67.5°	2261.7	1787.3	1033.1	563.1	334.5	246.6	175.2	125.4	96.6	80.0	68.5
70°	1744.7	1547.2	977.6	439.1	234.3	179.5	131.9	101.7	79.3	67.0	57.7
72.5°	1216.3	1145.6	741.2	346.8	175.2	134.1	104.5	82.9	66.3	57.0	49.7
75°	863.0	663.3	473.7	263.2	137.0	106.7	88.0	68.5	56.2	49.0	42.5
77.5°	633.0	417.4	237.2	178.1	111.7	94.4	76.4	59.1	47.6	41.8	36.8
80°	443.4	308.6	176.6	114.6	90.1	85.1	68.5	51.2	41.1	36.8	32.4
82.5°	346.8	255.2	153.6	95.9	73.5	72.8	60.6	44.0	36.8	32.4	28.8
85°	302.8	222.1	142.8	85.1	62.7	61.3	52.6	38.9	33.2	29.6	26.0
87.5°	303.5	212.0	142.0	85.1	59.8	54.1	46.9	35.3	30.3	26.7	23.8
90°	351.1	243.7	152.8	84.4	57.0	48.3	41.8	31.7	27.4	23.8	21.6
92.5°	405.9	279.0	138.4	83.6	56.2	46.1	39.7	29.6	26.0	23.1	20.9
95°	405.9	229.3	126.9	87.2	58.4	45.4	36.8	28.1	23.8	22.3	20.2
97.5°	315.1	183.8	137.0	103.1	63.4	49.0	37.5	26.7	22.3	20.9	19.5
100°	243.7	157.2	153.6	123.3	72.1	47.6	33.9	25.2	21.6	20.9	19.5
102.5°	217.0	145.6	131.2	115.4	66.3	43.3	31.7	24.5	21.6	20.2	18.7
105°	216.3	141.3	100.2	85.8	54.8	39.7	29.6	23.8	20.9	19.5	18.7
107.5°	228.5	152.8	92.3	70.7	50.5	38.9	29.6	22.3	20.2	18.7	20.2



REPORT NUMBER: P208577
 CATALOG NUMBER: XTOR6BRL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
110°	229.3	165.8	98.1	64.9	45.4	38.9	31.0	21.6	19.5	19.5	25.2
112.5°	222.1	170.1	109.6	62.0	44.0	38.2	31.7	21.6	18.7	20.2	24.5
115°	182.4	160.8	112.5	68.5	45.4	36.0	30.3	21.6	19.5	19.5	19.5
117.5°	150.0	131.2	99.5	67.8	40.4	30.3	25.2	19.5	18.0	17.3	17.3
120°	123.3	93.0	73.5	56.2	36.8	26.0	21.6	18.0	16.6	16.6	15.9
122.5°	100.2	80.7	65.6	48.3	32.4	23.8	20.9	18.0	16.6	16.6	15.9
125°	95.9	80.0	65.6	46.9	31.7	23.8	21.6	18.7	16.6	16.6	16.6
127.5°	89.4	69.9	55.5	45.4	32.4	23.1	21.6	18.7	17.3	16.6	17.3
130°	80.7	64.2	52.6	42.5	30.3	24.5	21.6	19.5	18.0	18.0	18.7
132.5°	75.7	60.6	49.7	40.4	30.3	26.0	23.1	20.2	18.7	18.7	18.0
135°	75.0	57.0	46.1	36.8	28.8	24.5	21.6	18.7	18.0	17.3	16.6
137.5°	77.1	64.9	46.1	36.8	31.7	26.0	20.9	18.0	17.3	16.6	15.9
140°	73.5	60.6	49.0	36.8	33.9	28.1	20.9	18.0	16.6	16.6	15.9
142.5°	64.9	56.2	46.1	35.3	34.6	29.6	20.9	18.0	16.6	15.9	15.1
145°	62.0	53.4	44.7	38.2	36.0	30.3	21.6	17.3	15.9	15.1	14.4
147.5°	63.4	55.5	45.4	35.3	36.0	28.1	20.2	16.6	15.1	15.1	14.4
150°	56.2	47.6	39.7	31.0	35.3	26.7	18.7	15.9	15.1	15.1	14.4
152.5°	43.3	37.5	32.4	31.7	33.2	25.2	18.7	16.6	15.1	15.1	13.7
155°	33.2	31.0	28.8	33.2	31.0	24.5	18.7	16.6	15.1	14.4	13.7
157.5°	29.6	27.4	30.3	34.6	28.8	23.1	18.0	15.9	14.4	13.7	12.3
160°	25.2	28.1	31.7	32.4	26.7	21.6	16.6	15.1	13.7	13.0	11.5
162.5°	26.0	29.6	31.0	30.3	22.3	18.7	15.1	13.7	13.0	12.3	10.8
165°	28.8	30.3	28.8	26.0	19.5	15.9	14.4	13.0	12.3	11.5	10.8
167.5°	26.7	26.7	26.7	22.3	18.0	15.1	13.7	12.3	11.5	10.8	10.1
170°	19.5	15.9	14.4	13.0	12.3	11.5	11.5	10.8	10.8	10.1	9.4
172.5°	14.4	13.0	12.3	11.5	10.8	10.8	10.8	10.1	10.1	10.1	9.4
175°	7.9	7.9	8.7	8.7	8.7	9.4	9.4	8.7	8.7	8.7	7.9
177.5°	6.5	7.2	7.9	7.9	7.9	8.7	8.7	7.9	8.7	7.9	7.9
180°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P208577
 CATALOG NUMBER: XTOR6BRL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6	1680.6
2.5°	1653.2	1639.5	1627.9	1648.1	1640.9	1615.7	1635.2	1612.8	1623.6	1630.1	1603.4
5°	1631.5	1612.8	1592.6	1603.4	1591.2	1563.1	1571.7	1544.3	1549.4	1550.8	1520.5
7.5°	1595.5	1571.7	1542.9	1545.8	1521.2	1484.5	1485.9	1449.1	1445.5	1440.5	1405.2
10°	1551.5	1518.4	1479.4	1467.2	1434.7	1390.0	1378.5	1333.8	1320.8	1306.4	1268.2
12.5°	1505.4	1461.4	1410.2	1385.0	1338.8	1289.1	1263.9	1217.7	1201.9	1187.4	1154.3
15°	1453.5	1396.5	1330.9	1288.4	1237.2	1191.0	1169.4	1123.3	1106.7	1087.9	1055.5
17.5°	1386.4	1311.4	1231.4	1191.0	1146.3	1100.9	1072.8	1019.4	992.1	961.0	912.7
20°	1303.5	1215.6	1142.0	1102.4	1055.5	1000.7	954.6	884.6	815.4	756.3	695.7
22.5°	1214.8	1132.6	1062.7	1012.2	946.6	870.9	785.1	689.2	617.1	564.5	519.8
25°	1131.9	1055.5	969.7	901.9	806.0	695.7	599.8	515.5	449.2	412.4	364.1
27.5°	1054.1	968.3	862.3	757.0	631.6	526.3	443.4	375.6	332.4	303.5	284.1
30°	969.0	865.9	722.4	589.8	475.1	390.0	331.6	292.0	276.1	268.9	260.3
32.5°	869.5	726.0	568.1	443.4	359.8	304.2	279.7	266.8	259.5	255.9	257.4
35°	754.1	584.0	429.0	336.7	290.5	271.1	262.4	249.5	247.3	255.9	274.0
37.5°	614.3	449.2	330.9	281.2	266.8	253.8	239.4	236.5	256.7	270.4	247.3
40°	465.7	341.0	274.7	256.7	246.6	229.3	227.8	243.0	251.6	216.3	196.8
42.5°	341.7	271.1	244.4	235.0	217.7	214.1	225.7	235.0	201.1	186.7	177.4
45°	266.8	229.3	217.7	206.9	199.0	204.0	225.7	188.2	175.9	165.1	157.9
47.5°	223.5	207.6	186.7	181.7	189.6	212.7	183.8	160.8	156.4	157.9	154.3
50°	199.7	182.4	162.2	161.5	183.1	185.3	154.3	147.8	149.2	144.9	137.0
52.5°	177.4	157.9	142.8	144.9	175.9	147.8	142.0	128.3	129.1	134.8	135.5
55°	152.1	135.5	126.2	126.2	139.9	130.5	114.6	116.1	114.6	114.6	110.3
57.5°	127.6	117.5	112.5	118.2	117.5	106.0	107.4	98.1	93.0	104.5	100.2
60°	108.9	102.4	100.2	110.3	98.8	92.3	87.2	87.2	82.9	80.7	75.7
62.5°	92.3	88.7	91.6	88.0	84.4	77.9	78.6	73.5	69.9	67.8	66.3
64°	84.4	82.2	82.9	78.6	74.3	72.1	69.2	67.8	65.6	62.7	59.8
65°	78.6	77.9	77.9	74.3	68.5	67.0	64.9	64.2	62.0	62.0	59.1
67.5°	65.6	66.3	66.3	62.7	57.7	55.5	54.1	55.5	54.8	53.4	51.2
70°	54.8	56.2	55.5	53.4	50.5	47.6	45.4	46.9	46.1	47.6	44.0
72.5°	46.9	45.4	46.9	45.4	44.0	42.5	39.7	40.4	41.8	43.3	38.2
75°	39.7	38.2	41.1	40.4	39.7	37.5	35.3	36.0	37.5	37.5	32.4
77.5°	34.6	33.9	36.0	36.8	36.0	33.2	30.3	32.4	33.9	31.0	27.4
80°	31.0	30.3	31.0	33.9	31.7	28.8	27.4	30.3	30.3	26.0	23.1
82.5°	28.1	27.4	27.4	32.4	28.8	25.2	26.7	28.1	26.7	22.3	19.5
85°	25.2	24.5	26.7	33.2	26.7	23.8	24.5	26.0	23.1	18.0	15.9
87.5°	23.1	23.1	28.1	37.5	26.0	21.6	26.0	28.1	20.2	15.1	13.0
90°	20.9	21.6	31.0	41.8	22.3	19.5	31.0	32.4	18.7	12.3	10.1
92.5°	20.2	20.9	29.6	36.0	21.6	21.6	35.3	33.2	18.0	12.3	10.1
95°	20.2	20.9	26.0	28.1	21.6	23.1	33.2	28.8	17.3	13.0	10.8
97.5°	19.5	20.9	24.5	24.5	22.3	23.1	26.0	23.1	15.9	13.7	11.5
100°	19.5	20.9	23.8	23.1	22.3	22.3	22.3	20.2	15.9	14.4	11.5
102.5°	19.5	22.3	22.3	21.6	21.6	21.6	20.9	19.5	16.6	15.1	12.3
105°	20.2	23.1	20.2	19.5	20.2	19.5	18.7	18.0	16.6	14.4	12.3
107.5°	23.1	20.9	18.0	18.7	18.7	18.0	17.3	15.9	15.9	13.7	10.8



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 CATALOG NUMBER: XTOR6BRL

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
110°	23.8	18.0	17.3	18.0	18.7	17.3	15.9	15.1	15.1	12.3	10.1	0°
112.5°	19.5	16.6	16.6	18.0	18.0	16.6	14.4	14.4	13.7	10.8	9.4	2.5°
115°	18.0	16.6	16.6	18.7	18.7	15.9	13.7	13.7	13.0	10.8	8.7	5°
117.5°	17.3	16.6	17.3	19.5	18.0	14.4	13.7	13.0	12.3	10.8	8.7	7.5°
120°	16.6	17.3	18.7	19.5	16.6	13.7	13.0	12.3	11.5	10.1	8.7	10°
122.5°	17.3	19.5	21.6	19.5	15.9	13.7	13.0	12.3	11.5	9.4	8.7	12.5°
125°	18.7	22.3	22.3	18.0	15.1	13.7	12.3	12.3	10.8	9.4	7.9	15°
127.5°	20.2	21.6	19.5	16.6	14.4	13.0	12.3	11.5	10.8	8.7	7.9	17.5°
130°	19.5	19.5	17.3	15.9	14.4	13.0	11.5	10.8	10.1	8.7	7.2	20°
132.5°	18.0	17.3	15.9	15.9	14.4	13.0	11.5	10.8	9.4	7.9	7.2	22.5°
135°	16.6	15.9	15.1	15.1	13.7	12.3	11.5	10.8	9.4	7.9	6.5	25°
137.5°	15.9	15.1	14.4	14.4	13.0	11.5	10.8	10.1	9.4	7.9	7.2	27.5°
140°	15.9	15.1	13.7	13.0	12.3	10.8	10.1	9.4	8.7	7.9	7.2	30°
142.5°	15.1	14.4	13.0	13.0	11.5	10.8	10.1	9.4	8.7	7.2	6.5	32.5°
145°	14.4	13.7	13.0	12.3	11.5	10.1	9.4	8.7	7.9	7.2	6.5	35°
147.5°	13.7	13.0	12.3	11.5	10.8	9.4	8.7	8.7	7.9	7.2	6.5	37.5°
150°	13.7	13.0	11.5	11.5	10.1	9.4	8.7	7.9	7.9	7.2	6.5	40°
152.5°	13.0	12.3	11.5	10.8	10.1	8.7	7.9	7.9	7.2	6.5	6.5	42.5°
155°	13.0	11.5	10.8	10.1	9.4	7.9	7.9	7.2	7.2	6.5	5.8	45°
157.5°	12.3	11.5	10.1	9.4	8.7	7.9	7.2	7.2	6.5	6.5	5.8	47.5°
160°	11.5	10.8	9.4	9.4	7.9	7.2	7.2	7.2	6.5	5.8	5.0	50°
162.5°	10.8	10.1	9.4	9.4	7.9	7.2	7.2	6.5	6.5	5.8	5.0	52.5°
165°	10.8	10.1	9.4	8.7	7.9	7.2	6.5	6.5	5.8	5.8	5.0	55°
167.5°	9.4	9.4	8.7	8.7	7.2	6.5	6.5	5.8	5.8	5.0	5.0	57.5°
170°	9.4	9.4	8.7	7.9	7.2	6.5	5.8	5.8	5.8	5.0	5.0	60°
172.5°	9.4	8.7	7.9	7.2	6.5	5.8	5.8	5.8	5.0	5.0	4.3	62.5°
175°	7.9	7.9	7.2	7.2	6.5	5.8	5.0	5.0	5.0	4.3	4.3	64°
177.5°	7.9	7.9	7.2	6.5	5.8	5.0	5.0	5.0	4.3	4.3	3.6	65°
180°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	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°

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REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

165°	170°	175°	180°
1680.6	1680.6	1680.6	1680.6
1612.1	1606.3	1602.7	1573.1
1529.2	1519.8	1515.5	1490.2
1410.2	1396.5	1393.6	1372.7
1270.3	1251.6	1250.9	1232.1
1157.2	1139.8	1144.2	1121.8
1047.6	1027.4	1031.0	1017.3
885.3	855.8	859.4	838.5
664.7	638.1	638.8	622.2
490.3	460.0	460.7	448.4
342.5	325.9	322.3	313.6
274.7	271.1	270.4	265.3
259.5	257.4	258.8	255.9
263.9	274.7	282.6	284.1
284.8	277.6	274.0	263.9
226.4	214.1	205.5	198.3
188.9	183.1	181.0	176.6
170.1	164.4	164.4	161.5
158.6	157.2	155.0	152.1
155.7	149.2	144.9	141.3
142.8	137.7	137.7	135.5
129.8	123.3	118.2	115.4
111.0	108.1	106.0	103.8
93.7	87.2	82.2	80.0
73.5	68.5	65.6	63.4
62.7	59.8	57.7	57.0
59.8	57.0	55.5	54.1
56.2	53.4	49.7	49.0
48.3	45.4	44.0	43.3
41.8	38.9	38.2	37.5
36.8	34.6	33.9	33.9
31.0	28.8	28.1	28.1
26.0	24.5	23.1	22.3
21.6	20.2	19.5	18.7
18.0	16.6	15.9	15.9
13.7	13.0	11.5	11.5
11.5	10.1	8.7	8.7
8.7	7.9	7.2	6.5
9.4	7.9	7.2	7.2
9.4	8.7	7.9	7.2
10.1	8.7	7.2	7.2
10.1	8.7	7.2	7.2
10.1	7.9	6.5	6.5
10.1	7.9	6.5	6.5
10.1	7.9	6.5	6.5

CANDELA DISTRIBUTION:

	165°
110°	8.7
112.5°	7.9
115°	7.9
117.5°	8.7
120°	7.9
122.5°	7.9
125°	7.9
127.5°	7.2
130°	6.5
132.5°	6.5
135°	6.5
137.5°	6.5
140°	6.5
142.5°	6.5
145°	6.5
147.5°	5.8
150°	5.8
152.5°	5.8
155°	5.8
157.5°	5.8
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°	5.8



'208577
XTOR6BRL

TION (continued):

170°	175°	180°
7.2	6.5	6.5
6.5	5.8	6.5
6.5	6.5	6.5
7.2	6.5	6.5
6.5	6.5	6.5
6.5	6.5	6.5
6.5	6.5	7.2
6.5	6.5	6.5
5.8	6.5	6.5
5.8	6.5	6.5
5.8	6.5	5.8
5.8	5.8	6.5
5.8	5.8	5.8
5.8	5.8	5.8
5.8	5.8	5.8
5.8	5.8	5.8
5.8	5.8	5.8
5.8	5.8	5.8
5.8	5.8	5.8
5.0	5.0	5.8
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
5.8	5.8	5.8

(END OF REPORT)