

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: P92727

Luminaire Tested: **LRC-B32-4-LED-E1-VAT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P92727
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22216-R2)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: LRC-B32-4-LED-E1-VAT
Description: LRC CANOPY LUMINAIRE
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4129.9 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.9' x L: 0.9' x H: 0.1')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G0

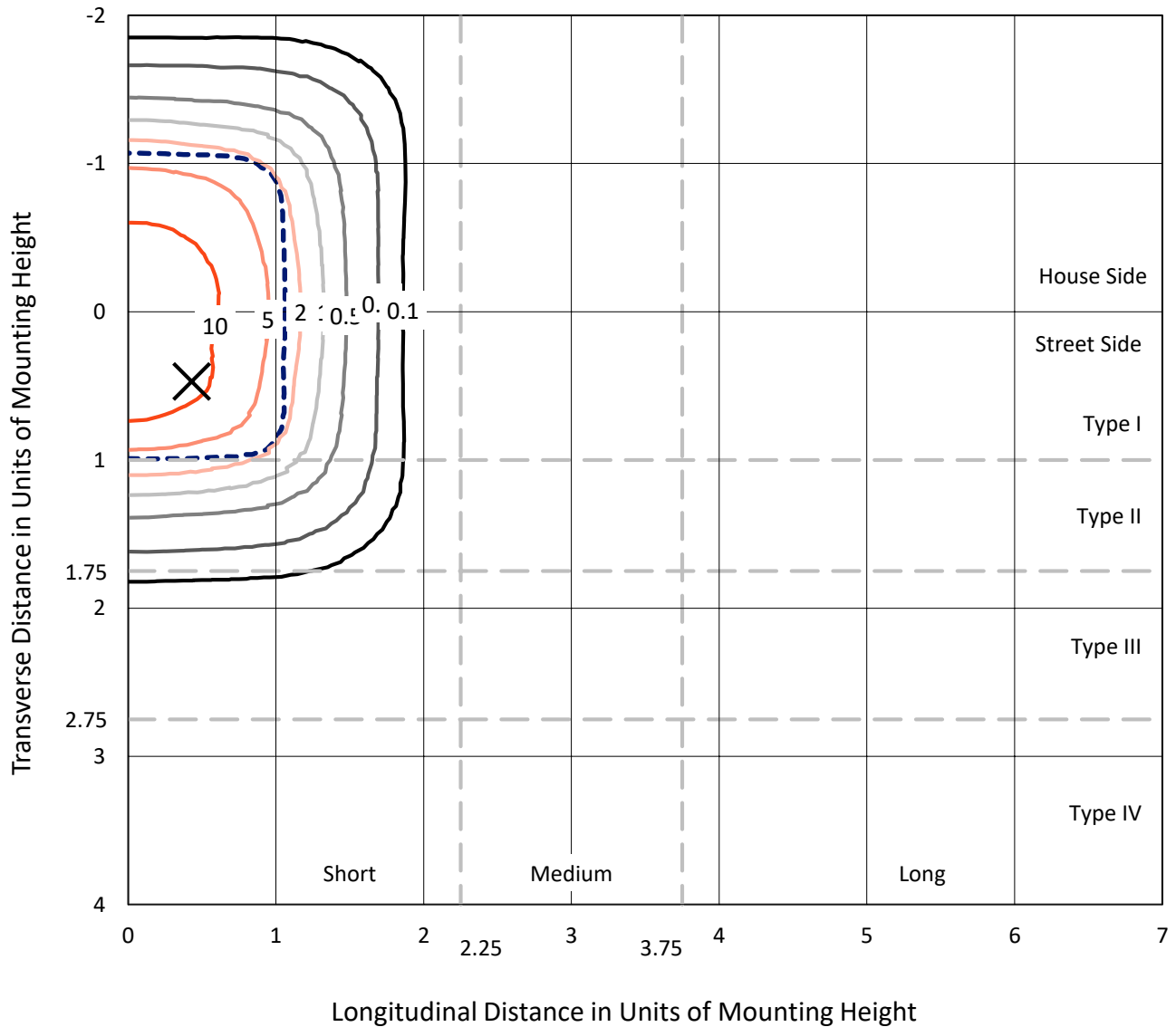
Input Watts (W): 45.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

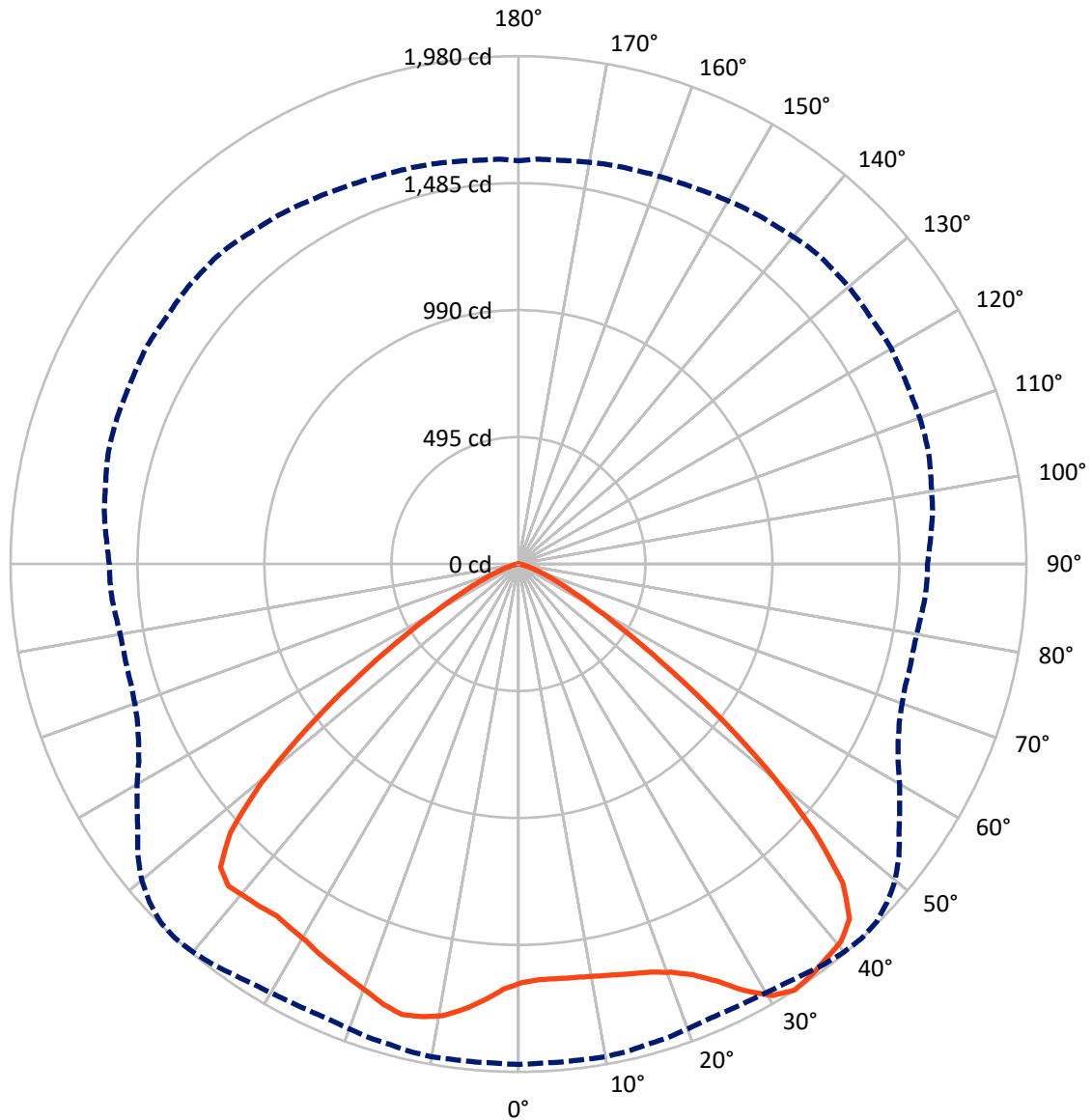
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 42.5-Deg Lateral - - - Horizontal Cone Through 32.5-Deg Vertical

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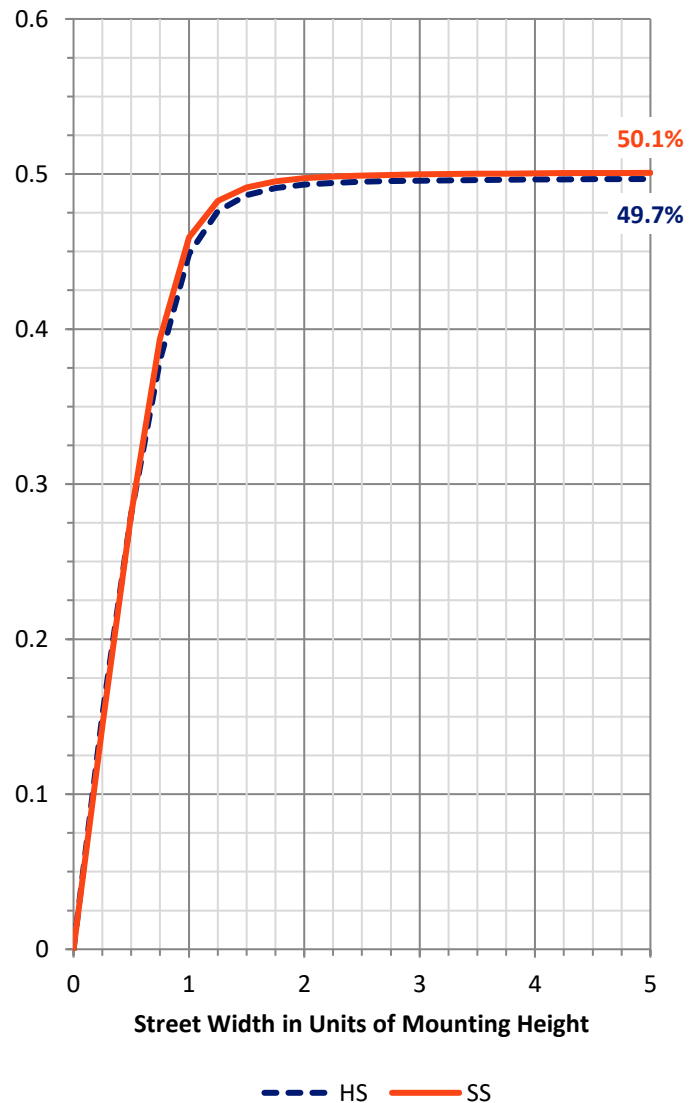
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2063.6	0.0	2063.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2066.3	0.0	2066.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	4129.9	0.0	4129.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.5	3.9
10°-20°	482.1	11.7
20°-30°	797.9	19.3
30°-40°	1084.4	26.3
40°-50°	1032.0	25.0
50°-60°	434.1	10.5
60°-70°	111.5	2.7
70°-80°	24.9	0.6
80°-90°	3.7	0.1
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°	4129.9	100.0
0°-180°	4129.9	100.0



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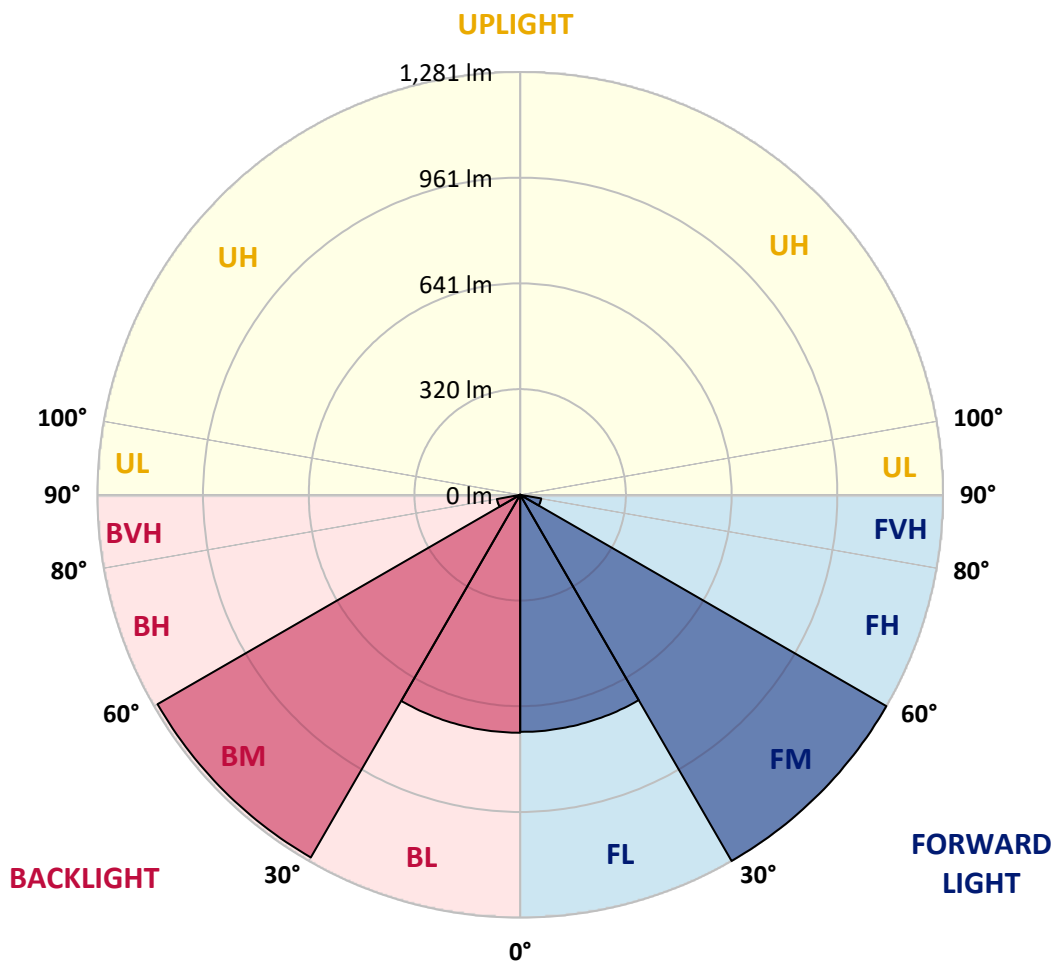
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	718.5	17.4			
FM	(30°-60°)	1281.4	31.0			
FH	(60°-80°)	64.7	1.6			G0/660
FVH	(80°-90°)	1.8	0.0			G0/10
BL	(0°-30°)	721.0	17.5	B2/1000		
BM	(30°-60°)	1269.0	30.7	B2/2500		
BH	(60°-80°)	71.6	1.7	B0/110		G0/660
BVH	(80°-90°)	1.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
2.5°	1608.0	1607.5	1608.5	1610.5	1608.5	1608.5	1608.5	1610.0	1611.5	1610.9	1610.0
5°	1593.1	1594.6	1596.1	1596.1	1596.5	1596.5	1597.6	1599.5	1602.5	1604.5	1603.5
7.5°	1582.2	1586.1	1588.1	1586.1	1589.6	1590.6	1590.1	1592.1	1597.6	1602.5	1604.5
10°	1584.1	1587.6	1589.6	1587.1	1590.1	1591.6	1593.1	1595.5	1601.5	1606.5	1610.0
12.5°	1601.5	1603.0	1605.0	1603.0	1606.0	1610.0	1613.0	1615.9	1621.9	1625.9	1629.8
15°	1644.3	1646.7	1645.8	1646.3	1646.7	1649.7	1654.2	1656.7	1660.2	1663.2	1665.1
17.5°	1698.4	1699.9	1700.9	1702.4	1706.9	1708.9	1716.8	1718.8	1720.3	1721.3	1720.3
20°	1775.0	1775.5	1776.5	1777.0	1781.0	1783.4	1787.4	1789.9	1790.9	1788.4	1782.4
22.5°	1859.0	1859.0	1860.0	1859.5	1864.9	1867.5	1874.4	1876.9	1875.4	1868.5	1859.5
25°	1913.7	1914.2	1917.2	1919.6	1927.1	1932.6	1939.5	1944.0	1940.5	1936.5	1930.6
27.5°	1903.2	1906.7	1909.7	1917.2	1924.6	1932.6	1942.0	1944.0	1950.0	1955.4	1956.4
30°	1906.2	1907.2	1909.7	1912.2	1914.6	1918.1	1922.6	1925.1	1928.1	1931.1	1937.1
32.5°	1951.5	1948.0	1948.9	1948.9	1950.4	1947.5	1939.5	1936.5	1928.6	1922.6	1923.1
35°	1973.8	1972.3	1974.8	1973.8	1975.3	1974.8	1973.3	1968.8	1958.9	1951.5	1940.5
37.5°	1892.3	1895.3	1902.8	1905.2	1912.7	1918.7	1930.6	1934.1	1938.5	1943.5	1942.5
40°	1665.6	1671.6	1682.1	1692.5	1709.9	1730.3	1757.6	1784.5	1810.3	1829.7	1846.6
42.5°	1298.3	1308.3	1320.7	1336.1	1361.9	1399.2	1443.5	1487.2	1538.9	1588.1	1627.9
45°	945.4	951.4	961.8	976.2	1002.1	1030.9	1072.7	1123.9	1179.0	1244.6	1300.3
47.5°	658.6	663.6	672.5	683.5	701.9	728.2	761.5	801.8	852.0	904.1	958.3
50°	446.4	451.8	458.8	466.2	478.2	499.0	523.9	555.2	591.5	634.7	679.5
52.5°	314.2	314.2	316.6	323.6	332.5	344.4	360.4	382.8	408.1	438.4	469.7
55°	220.2	221.2	223.2	227.2	233.6	243.5	254.0	268.9	287.3	310.7	331.6
57.5°	152.1	154.1	155.6	158.1	163.5	170.5	177.9	188.9	203.3	220.7	235.6
60°	104.9	104.9	107.4	108.9	112.3	117.8	123.8	131.2	142.7	155.1	168.5
62.5°	71.6	71.6	72.6	73.5	76.1	80.5	84.5	91.0	98.9	107.8	120.8
65°	48.7	48.7	49.7	50.7	53.2	54.7	57.7	62.1	67.1	74.1	82.5
67.5°	34.8	35.3	35.8	36.3	37.3	38.3	40.3	42.7	46.2	50.2	56.7
70°	25.9	25.9	26.4	26.4	27.3	27.8	28.8	30.3	32.8	35.3	39.2
72.5°	19.4	19.4	19.4	19.4	19.9	20.4	20.9	21.9	23.4	25.3	27.3
75°	14.4	14.4	14.4	14.4	14.9	14.9	15.4	15.9	16.9	17.9	18.9
77.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.9	11.4	11.4	12.4	13.4
80°	7.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.9	7.9	8.4
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.0
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.5
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
2.5°	1612.0	1612.4	1613.5	1615.0	1617.9	1621.4	1622.4	1619.4	1623.4	1626.4	1624.9
5°	1606.5	1607.0	1608.5	1612.0	1617.4	1621.9	1623.9	1622.4	1626.9	1629.8	1630.8
7.5°	1608.5	1610.5	1610.9	1615.4	1621.9	1626.4	1627.4	1628.9	1631.9	1634.8	1637.3
10°	1613.5	1616.9	1616.9	1621.4	1628.4	1632.8	1634.8	1636.3	1640.3	1643.3	1645.8
12.5°	1634.8	1638.3	1639.8	1643.3	1646.3	1645.8	1644.8	1642.3	1641.8	1643.8	1644.3
15°	1668.1	1667.1	1666.6	1666.2	1664.7	1660.2	1657.2	1653.7	1650.7	1647.3	1643.8
17.5°	1719.3	1714.9	1708.9	1700.9	1694.5	1683.0	1672.6	1661.7	1654.2	1646.7	1640.8
20°	1774.0	1763.1	1754.1	1742.7	1730.7	1716.3	1699.4	1681.0	1663.2	1649.3	1635.3
22.5°	1847.5	1832.1	1819.7	1804.3	1785.9	1760.6	1739.2	1717.3	1694.5	1670.1	1648.7
25°	1921.1	1909.2	1895.8	1877.9	1854.0	1832.1	1802.3	1773.5	1747.2	1717.3	1686.5
27.5°	1954.9	1951.9	1950.4	1944.0	1930.1	1908.2	1884.4	1850.5	1819.2	1784.5	1745.7
30°	1942.5	1948.5	1958.4	1965.9	1970.3	1964.9	1952.4	1928.1	1897.8	1859.0	1816.2
32.5°	1926.1	1930.1	1937.5	1950.0	1964.4	1974.8	1980.3	1973.8	1951.0	1917.6	1870.4
35°	1935.0	1935.0	1935.0	1936.0	1944.5	1961.4	1968.4	1966.9	1960.4	1937.5	1894.8
37.5°	1948.5	1948.9	1948.9	1947.0	1949.5	1951.5	1951.0	1950.0	1935.0	1916.1	1878.9
40°	1872.9	1897.3	1918.1	1931.1	1942.5	1941.0	1936.5	1926.1	1908.7	1875.4	1840.1
42.5°	1679.1	1731.8	1781.0	1828.2	1861.5	1886.8	1892.8	1883.3	1863.5	1832.1	1792.9
45°	1372.4	1452.9	1528.0	1616.9	1681.6	1739.7	1773.0	1782.4	1775.5	1747.7	1697.9
47.5°	1030.9	1115.9	1201.9	1310.7	1398.2	1480.8	1542.9	1582.6	1590.6	1569.2	1518.0
50°	737.1	808.2	885.2	988.1	1078.1	1170.6	1253.1	1308.3	1326.7	1310.7	1263.0
52.5°	514.4	569.1	628.3	712.3	785.9	870.4	947.9	1005.6	1025.9	1017.0	981.7
55°	363.3	400.1	442.4	503.0	560.2	619.3	676.5	724.2	749.1	747.6	719.3
57.5°	262.4	285.8	314.2	356.4	397.2	437.4	472.7	506.5	523.4	525.4	507.5
60°	184.9	204.3	226.1	254.5	281.8	307.7	329.0	350.9	362.4	365.3	355.4
62.5°	129.7	148.1	164.5	181.9	200.3	217.2	232.1	243.1	250.5	252.0	247.5
65°	92.0	103.9	115.8	130.2	141.7	152.6	162.0	169.0	173.5	174.0	170.5
67.5°	63.1	71.1	80.5	91.0	99.9	106.3	112.8	117.3	120.3	119.3	115.3
70°	43.3	49.7	55.7	62.1	68.1	74.1	78.0	81.0	83.0	80.5	76.5
72.5°	30.8	34.3	38.8	42.2	46.2	49.7	52.2	54.2	55.2	52.7	50.2
75°	21.4	23.8	25.9	28.3	30.8	32.8	33.8	34.3	34.8	33.8	31.8
77.5°	14.4	15.9	16.9	18.9	20.4	20.9	21.4	21.9	21.9	20.9	19.9
80°	9.4	10.5	10.9	11.4	12.4	12.9	13.4	13.4	13.4	12.9	11.9
82.5°	5.5	5.5	6.0	6.4	7.0	7.0	7.5	7.5	7.5	7.0	7.0
85°	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.0	3.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
2.5°	1624.4	1625.4	1627.9	1626.9	1628.9	1628.9	1631.3	1633.4	1633.8	1633.4	1635.8
5°	1632.3	1636.3	1638.8	1639.8	1640.3	1642.3	1645.2	1649.7	1649.3	1651.2	1654.7
7.5°	1639.8	1644.8	1648.2	1648.7	1650.7	1651.7	1655.7	1660.2	1661.7	1666.2	1671.1
10°	1647.8	1649.3	1651.7	1650.7	1654.2	1655.2	1658.7	1660.7	1662.7	1665.1	1667.1
12.5°	1644.8	1646.3	1647.8	1645.2	1647.3	1645.8	1647.3	1648.7	1649.3	1650.7	1653.7
15°	1638.8	1636.8	1633.8	1628.9	1629.3	1629.8	1627.4	1625.9	1627.4	1629.8	1633.8
17.5°	1634.8	1628.4	1621.9	1614.4	1611.5	1607.5	1603.0	1602.0	1599.5	1602.0	1606.5
20°	1626.4	1615.0	1605.5	1598.0	1589.1	1585.6	1582.2	1579.6	1579.6	1579.6	1582.6
22.5°	1631.9	1616.9	1603.5	1592.6	1580.1	1573.2	1564.8	1564.8	1565.2	1565.2	1565.2
25°	1660.2	1639.3	1614.4	1597.6	1587.1	1575.7	1569.2	1567.2	1563.7	1565.2	1565.7
27.5°	1706.4	1676.1	1649.7	1626.4	1608.5	1598.5	1589.6	1583.7	1578.7	1577.2	1580.7
30°	1769.1	1728.3	1689.0	1654.2	1627.9	1608.0	1593.6	1585.6	1583.7	1583.7	1583.1
32.5°	1811.8	1762.6	1716.3	1668.6	1633.8	1607.5	1591.6	1581.6	1579.2	1575.7	1576.6
35°	1836.1	1776.0	1717.8	1666.6	1627.4	1599.5	1584.6	1577.2	1575.2	1574.7	1582.2
37.5°	1825.2	1769.5	1707.9	1662.7	1627.4	1603.0	1592.1	1587.1	1588.6	1591.1	1601.5
40°	1796.4	1749.1	1697.0	1657.7	1622.4	1599.1	1582.2	1572.7	1568.7	1567.7	1562.3
42.5°	1746.2	1699.4	1648.2	1603.0	1559.8	1523.5	1493.2	1468.8	1454.9	1444.4	1432.5
45°	1641.3	1581.6	1515.5	1458.9	1390.3	1342.1	1298.3	1261.5	1228.2	1220.3	1185.5
47.5°	1447.9	1374.4	1300.3	1229.7	1165.1	1094.0	1051.3	993.6	969.8	942.0	919.5
50°	1193.4	1118.4	1037.8	964.3	886.7	833.1	792.8	742.6	720.8	697.4	679.0
52.5°	923.1	852.4	785.9	723.7	665.1	609.9	582.1	542.8	521.9	504.0	490.1
55°	676.5	624.8	571.1	524.4	480.7	445.4	416.5	384.7	367.8	351.4	340.5
57.5°	480.7	446.4	406.1	374.3	340.5	310.7	286.3	262.4	250.0	234.1	226.1
60°	337.0	315.1	287.3	260.0	232.6	210.3	190.9	171.5	159.0	150.1	142.7
62.5°	233.6	216.2	196.3	174.9	155.6	137.2	121.3	107.4	100.9	92.4	87.0
65°	160.5	146.2	130.7	114.8	99.4	87.5	76.1	66.6	61.6	57.2	53.2
67.5°	107.4	96.9	84.0	73.1	62.1	54.7	48.2	42.7	39.2	37.3	35.3
70°	70.1	62.1	53.7	46.2	40.3	35.3	31.8	29.3	27.3	25.9	25.3
72.5°	45.2	39.8	34.8	30.3	27.3	24.4	22.4	21.4	19.9	19.4	18.9
75°	28.8	25.9	22.9	19.9	18.4	16.9	15.9	15.4	14.9	14.4	14.4
77.5°	18.4	16.4	14.9	13.4	12.4	11.9	11.4	10.9	10.5	10.5	10.5
80°	10.9	9.9	9.4	8.4	8.4	7.9	7.9	7.5	7.5	7.5	7.5
82.5°	6.0	5.5	5.5	5.0	5.0	5.0	4.5	5.0	4.5	4.5	4.5
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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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CATALOG NUMBER: LRC-B32-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
2.5°	1636.8	1636.8	1638.3	1638.8	1638.3	1641.8	1640.8	1642.8	1643.3	1644.3	1645.2
5°	1655.7	1658.2	1660.2	1662.7	1662.7	1666.6	1668.6	1672.1	1674.6	1676.6	1679.5
7.5°	1674.1	1677.1	1679.1	1681.6	1685.5	1688.5	1691.5	1693.5	1699.4	1703.9	1707.4
10°	1670.6	1675.6	1677.1	1681.0	1689.0	1690.5	1696.4	1702.9	1709.4	1716.8	1722.3
12.5°	1658.2	1664.1	1666.6	1670.1	1678.1	1684.5	1691.5	1702.9	1711.9	1722.8	1731.8
15°	1639.3	1645.2	1649.3	1652.2	1659.7	1668.1	1678.6	1694.5	1707.4	1720.8	1732.7
17.5°	1609.0	1616.5	1622.9	1627.9	1635.8	1649.3	1663.2	1677.6	1693.5	1708.4	1720.8
20°	1584.6	1589.6	1594.1	1601.0	1611.5	1627.4	1643.8	1663.2	1681.0	1697.5	1711.4
22.5°	1567.2	1575.2	1580.1	1585.1	1598.0	1613.9	1631.9	1651.2	1669.6	1685.5	1699.0
25°	1569.7	1576.6	1579.2	1588.1	1603.0	1618.9	1636.8	1655.7	1672.1	1687.0	1697.9
27.5°	1583.7	1588.6	1593.1	1601.5	1615.0	1630.8	1648.7	1665.6	1677.6	1688.5	1700.5
30°	1585.1	1592.6	1597.6	1605.0	1615.0	1629.3	1641.8	1658.2	1667.6	1680.6	1689.5
32.5°	1582.2	1590.1	1594.1	1595.5	1605.0	1616.9	1628.9	1635.8	1646.3	1656.7	1661.7
35°	1589.1	1594.6	1598.5	1602.0	1606.5	1613.9	1621.4	1623.9	1631.9	1639.3	1642.3
37.5°	1605.5	1612.0	1613.5	1613.0	1616.9	1621.4	1627.4	1630.4	1631.9	1634.8	1633.4
40°	1567.7	1572.2	1573.7	1571.2	1573.2	1580.7	1589.1	1594.6	1596.5	1601.5	1608.0
42.5°	1427.6	1421.1	1419.6	1417.6	1423.1	1430.5	1440.0	1449.9	1468.3	1484.7	1498.1
45°	1180.0	1170.1	1165.6	1162.1	1168.1	1172.6	1188.0	1203.9	1229.7	1261.1	1288.4
47.5°	900.6	888.2	884.3	883.3	885.8	893.2	906.2	925.5	950.9	981.7	1020.4
50°	662.1	651.1	642.7	644.7	648.7	653.6	663.6	682.0	703.8	734.1	768.4
52.5°	476.2	465.7	459.3	458.8	460.3	468.2	476.7	490.6	508.0	535.8	561.7
55°	327.5	321.1	314.6	313.6	314.6	323.1	328.1	341.5	356.9	378.3	401.6
57.5°	216.7	211.8	206.8	205.8	205.8	212.2	214.7	226.7	237.6	256.0	275.4
60°	137.2	131.7	129.7	129.7	128.8	132.7	136.2	143.6	151.6	165.0	179.9
62.5°	83.5	80.5	78.5	78.5	78.0	80.5	84.0	87.5	92.4	102.4	111.9
65°	51.7	50.2	48.7	49.2	49.2	49.7	51.7	53.2	55.7	61.6	67.1
67.5°	34.3	33.8	33.8	33.8	33.8	33.8	34.3	35.3	36.8	39.2	42.2
70°	25.3	24.9	24.9	24.9	24.9	24.9	25.3	25.9	25.9	27.3	28.8
72.5°	18.9	18.9	18.9	18.9	18.9	19.4	19.4	19.4	19.4	19.9	20.4
75°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.9
77.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.9
80°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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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CATALOG NUMBER: LRC-B32-4-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
2.5°	1648.7	1649.7	1650.2	1652.2	1654.7	1654.2	1654.2	1656.2	1660.7	1658.7	1658.7
5°	1684.0	1687.5	1688.5	1691.5	1694.0	1695.5	1697.5	1700.9	1706.9	1705.4	1705.9
7.5°	1711.9	1716.8	1720.3	1726.3	1732.2	1735.7	1739.7	1743.7	1749.1	1747.2	1747.7
10°	1728.3	1736.2	1745.2	1753.1	1762.1	1767.6	1773.0	1778.5	1783.9	1783.4	1784.5
12.5°	1741.2	1753.6	1764.6	1772.0	1780.0	1785.9	1791.4	1795.4	1799.3	1802.3	1804.8
15°	1744.2	1756.6	1769.1	1779.5	1788.4	1795.9	1801.3	1805.3	1811.8	1812.8	1813.8
17.5°	1733.7	1748.7	1761.6	1773.0	1781.0	1787.4	1792.9	1797.8	1802.8	1802.3	1799.9
20°	1723.3	1734.2	1745.7	1753.6	1761.1	1767.0	1768.5	1768.5	1771.0	1771.0	1770.0
22.5°	1712.4	1722.8	1732.7	1739.7	1744.2	1744.7	1742.2	1738.7	1739.2	1740.7	1743.7
25°	1711.4	1718.3	1722.3	1722.3	1718.3	1715.3	1713.4	1714.4	1717.8	1722.8	1724.3
27.5°	1708.4	1715.3	1712.9	1708.9	1702.9	1700.5	1702.4	1704.9	1707.4	1705.9	1705.4
30°	1698.4	1698.4	1697.0	1692.5	1690.5	1691.0	1694.0	1691.5	1691.5	1690.5	1691.0
32.5°	1665.6	1666.6	1669.6	1673.1	1679.1	1678.6	1676.6	1679.1	1681.0	1679.5	1680.1
35°	1640.3	1642.3	1646.3	1647.8	1649.3	1654.7	1659.7	1667.6	1677.6	1676.6	1672.6
37.5°	1630.8	1629.8	1631.3	1628.9	1632.3	1638.8	1646.3	1655.7	1667.1	1672.1	1677.6
40°	1607.5	1606.0	1610.0	1613.9	1616.9	1625.4	1637.3	1649.7	1665.6	1678.1	1681.0
42.5°	1515.5	1522.0	1543.8	1556.8	1573.2	1594.1	1613.9	1632.8	1653.2	1669.6	1683.0
45°	1323.2	1346.5	1383.3	1419.1	1454.4	1493.2	1534.4	1569.2	1604.5	1631.3	1648.2
47.5°	1063.7	1091.0	1143.7	1195.9	1252.1	1317.2	1374.4	1426.6	1478.2	1509.5	1530.9
50°	806.2	836.5	900.2	942.4	1007.0	1084.1	1153.7	1214.3	1271.0	1306.8	1329.6
52.5°	596.0	624.3	679.0	715.8	785.3	848.0	911.6	970.7	1024.9	1061.7	1070.7
55°	429.0	455.3	498.1	531.8	588.5	636.2	688.4	738.6	784.4	809.2	811.2
57.5°	298.2	325.1	355.9	383.2	428.5	467.7	510.5	545.3	577.6	592.0	593.5
60°	198.8	216.7	245.0	269.4	306.2	338.0	366.8	393.2	415.0	423.0	421.0
62.5°	126.2	143.2	163.1	184.9	211.3	234.6	257.5	278.4	292.3	297.3	296.2
65°	76.5	88.0	102.9	119.8	139.2	158.1	176.4	191.4	202.8	206.8	205.3
67.5°	47.2	54.2	62.1	75.6	87.5	102.9	116.8	128.8	137.2	140.2	139.2
70°	31.3	34.8	39.2	47.2	54.7	64.1	73.5	83.0	89.5	93.9	93.9
72.5°	21.9	23.4	26.4	29.8	35.3	40.3	45.7	52.2	57.2	59.6	60.6
75°	15.9	16.4	17.9	19.9	22.9	25.3	29.3	32.8	35.3	36.8	37.3
77.5°	10.9	11.4	12.4	12.9	14.4	15.9	18.4	19.9	21.4	21.9	22.4
80°	7.5	7.9	7.9	8.4	9.4	9.9	10.9	11.9	12.9	13.4	13.4
82.5°	5.0	5.0	5.0	5.0	5.5	5.5	6.0	6.4	7.0	7.5	7.5
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	1.0	1.0	1.0
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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 CATALOG NUMBER: LRC-B32-4-LED-E1-VAT

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°	
0°	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	0°
2.5°	1658.7	1662.1	1663.6	1661.7	1661.2	1662.1	1660.2	1659.2	1661.7	1661.7	1661.7	2.5°
5°	1706.4	1711.9	1713.4	1710.4	1709.9	1708.9	1708.4	1707.9	1709.9	1709.4	1709.4	5°
7.5°	1749.1	1753.1	1755.1	1753.1	1752.1	1750.6	1749.6	1749.1	1749.6	1749.1	1746.2	7.5°
10°	1785.4	1785.9	1783.4	1781.0	1778.0	1776.0	1773.5	1771.0	1767.0	1765.0	1759.6	10°
12.5°	1804.3	1804.8	1803.8	1802.3	1798.9	1793.9	1788.9	1783.4	1778.0	1772.5	1764.1	12.5°
15°	1814.3	1811.8	1805.3	1803.3	1795.4	1786.9	1778.5	1771.0	1763.1	1753.6	1745.7	15°
17.5°	1795.9	1790.4	1785.4	1781.0	1774.5	1769.1	1763.1	1758.6	1754.6	1746.2	1736.7	17.5°
20°	1768.0	1765.6	1762.1	1763.1	1759.1	1754.1	1750.6	1746.2	1743.7	1736.2	1726.3	20°
22.5°	1746.7	1746.7	1746.2	1747.7	1745.7	1741.7	1737.7	1734.8	1729.2	1723.8	1714.4	22.5°
25°	1724.8	1726.3	1724.3	1725.3	1726.3	1725.3	1724.8	1721.3	1717.3	1712.4	1703.9	25°
27.5°	1707.4	1706.9	1705.4	1702.4	1702.4	1701.4	1697.5	1689.5	1683.5	1677.6	1672.1	27.5°
30°	1686.0	1687.0	1686.5	1682.1	1677.1	1668.1	1658.2	1651.2	1643.3	1638.8	1634.8	30°
32.5°	1675.1	1666.2	1657.2	1651.7	1644.3	1634.8	1627.4	1619.4	1613.5	1608.5	1603.5	32.5°
35°	1664.7	1656.7	1648.2	1639.8	1628.4	1622.9	1613.5	1606.0	1607.5	1610.0	1611.5	35°
37.5°	1673.1	1663.6	1654.2	1643.3	1637.3	1631.9	1632.3	1636.3	1646.7	1657.7	1663.2	37.5°
40°	1679.1	1680.6	1674.6	1667.6	1667.6	1672.1	1678.1	1688.0	1694.5	1699.4	1702.4	40°
42.5°	1690.0	1696.4	1697.0	1693.5	1686.5	1680.1	1672.6	1661.7	1652.7	1638.3	1626.9	42.5°
45°	1657.2	1660.2	1657.2	1638.8	1615.0	1589.1	1542.3	1501.6	1453.9	1412.2	1385.3	45°
47.5°	1535.9	1528.4	1505.1	1461.9	1413.1	1354.0	1277.4	1227.7	1149.7	1086.6	1050.8	47.5°
50°	1322.7	1296.8	1251.1	1187.5	1118.9	1044.3	957.8	891.7	828.6	769.9	736.6	50°
52.5°	1056.7	1018.5	965.3	896.2	824.1	752.1	686.9	626.8	564.7	522.4	499.6	52.5°
55°	796.8	755.5	704.8	641.7	581.1	525.9	476.7	431.4	388.7	357.4	341.5	55°
57.5°	575.6	538.8	499.6	451.8	409.6	367.8	333.0	302.2	274.4	246.0	233.1	57.5°
60°	406.1	379.8	352.4	317.1	288.3	258.5	230.6	208.3	187.9	168.0	159.0	60°
62.5°	282.3	265.4	245.0	221.2	199.8	179.9	160.5	142.1	127.7	112.8	106.3	62.5°
65°	195.9	183.4	170.5	153.6	137.7	122.8	109.9	95.9	85.5	75.0	70.1	65°
67.5°	134.2	125.8	116.8	104.4	93.9	82.0	73.1	64.1	57.7	50.7	46.7	67.5°
70°	90.5	84.0	77.6	69.6	63.1	55.2	48.7	43.3	38.8	35.3	32.3	70°
72.5°	58.7	55.2	51.2	46.2	41.8	36.8	33.8	29.8	27.3	24.9	22.9	72.5°
75°	36.8	35.3	33.3	30.3	27.8	24.9	22.9	20.9	18.9	17.4	16.4	75°
77.5°	22.4	21.9	20.9	19.4	17.9	16.4	15.4	13.9	12.9	12.4	11.4	77.5°
80°	13.9	13.4	12.4	11.9	10.9	10.5	9.9	9.0	8.4	8.4	7.9	80°
82.5°	7.5	7.5	7.0	6.4	6.0	5.5	5.5	5.5	5.0	5.0	5.0	82.5°
85°	3.5	3.5	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	85°
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P92727

NUMBER: LRC-B32-4-LED-E1-VAT

DISTRIBUTION (continued):

165°	167.5°	170°	172.5°	175°	177.5°	180°
1632.3	1632.3	1632.3	1632.3	1632.3	1632.3	1632.3
1660.7	1660.2	1659.7	1659.7	1659.2	1657.7	1657.2
1708.4	1706.4	1707.9	1706.9	1705.9	1705.4	1706.4
1744.2	1743.2	1743.7	1739.2	1738.7	1736.2	1737.7
1756.1	1754.6	1754.1	1751.1	1749.1	1747.2	1746.7
1759.1	1753.1	1748.7	1745.7	1742.7	1739.2	1735.7
1737.7	1729.8	1723.8	1718.8	1715.3	1711.9	1707.9
1728.3	1718.8	1710.4	1704.4	1700.9	1697.5	1696.4
1715.3	1705.9	1694.0	1687.0	1681.6	1679.1	1677.6
1704.4	1693.0	1681.0	1673.1	1668.1	1664.1	1662.7
1692.5	1679.5	1668.6	1659.7	1653.2	1651.7	1649.7
1664.1	1649.7	1637.3	1625.4	1616.5	1612.4	1608.0
1625.4	1616.5	1607.5	1600.0	1595.5	1592.1	1588.1
1600.0	1596.5	1590.6	1585.6	1581.1	1580.1	1572.2
1613.5	1616.5	1618.4	1622.4	1624.4	1625.4	1625.4
1673.1	1681.0	1685.5	1693.0	1697.0	1696.4	1694.5
1705.9	1709.9	1706.9	1704.9	1707.4	1708.9	1708.4
1610.9	1596.5	1580.1	1566.7	1558.8	1556.3	1554.3
1346.5	1314.2	1285.4	1264.0	1250.6	1243.6	1243.1
1006.1	970.7	938.4	912.6	897.7	887.3	883.3
692.9	661.1	633.3	614.9	602.9	595.0	592.0
466.8	443.9	427.5	413.6	404.6	400.1	397.6
319.1	302.7	290.3	280.3	274.4	270.4	268.9
217.7	205.3	194.8	186.9	183.9	179.9	178.5
145.1	137.2	129.2	124.3	121.3	118.8	118.3
95.9	90.0	85.5	82.5	79.5	78.0	77.6
64.1	60.2	56.7	54.7	53.2	51.7	52.2
43.3	40.7	38.3	37.3	36.8	35.8	35.8
30.3	28.3	27.3	26.8	26.4	25.9	25.9
21.9	20.9	20.4	19.9	19.4	19.4	19.4
15.4	15.4	14.9	14.4	14.4	14.4	14.4
10.9	10.9	10.5	10.5	10.5	10.5	10.5
7.5	7.5	7.5	7.5	7.5	7.5	7.0
5.0	5.0	4.5	4.5	4.5	4.5	4.5
2.5	2.5	2.5	2.5	2.5	2.5	2.5
1.0	1.0	1.0	1.0	1.0	1.0	1.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)