

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: P92724

Luminaire Tested: **LRC-B16-1-LED-E1-VAT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P92724
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-B16-1-LED-E1-VAT
Description: LRC CANOPY LUMINAIRE
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3702.2 lumens
Efficiency: N/A
Efficacy: 74.2 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

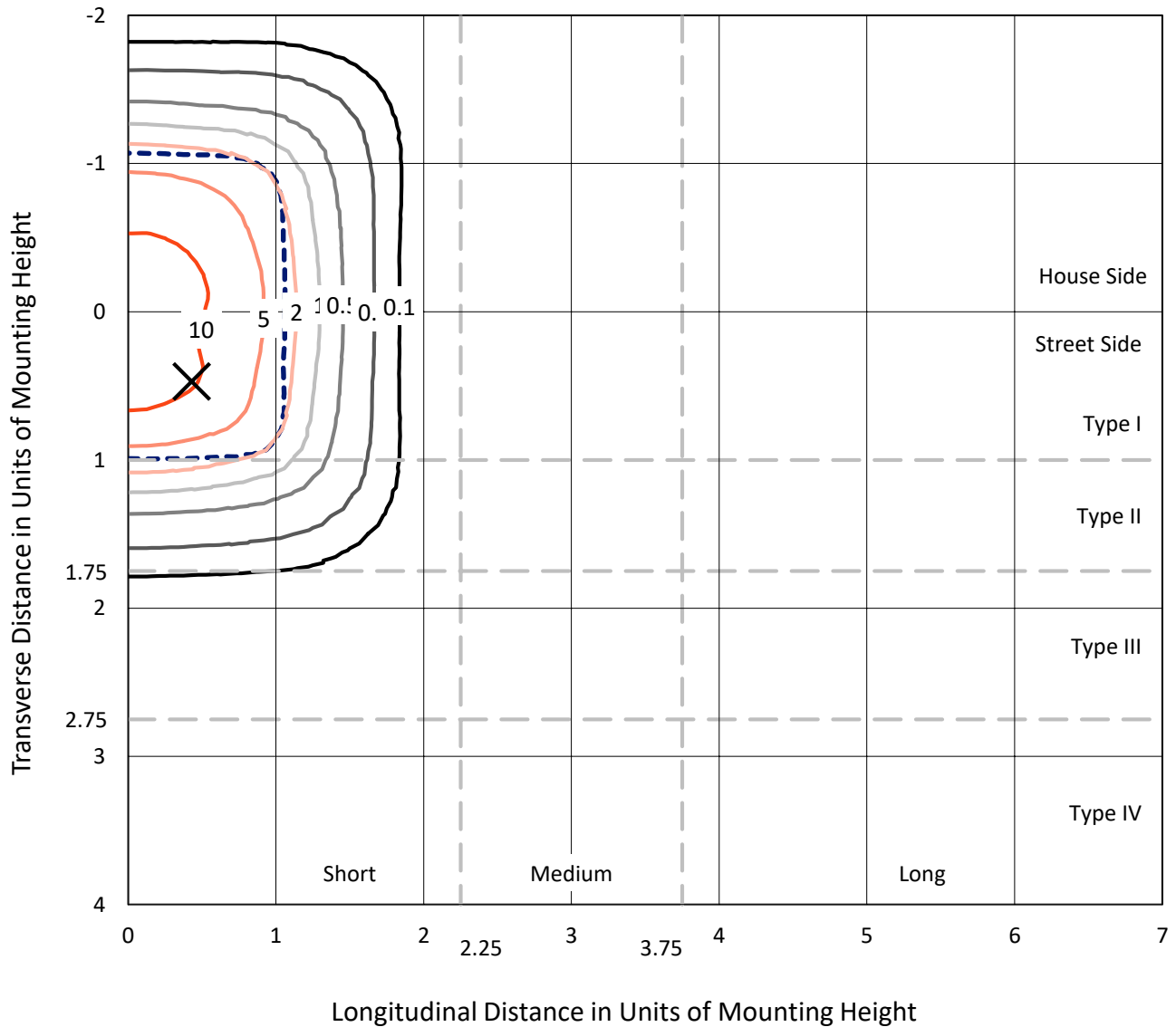
Input Watts (W): 49.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

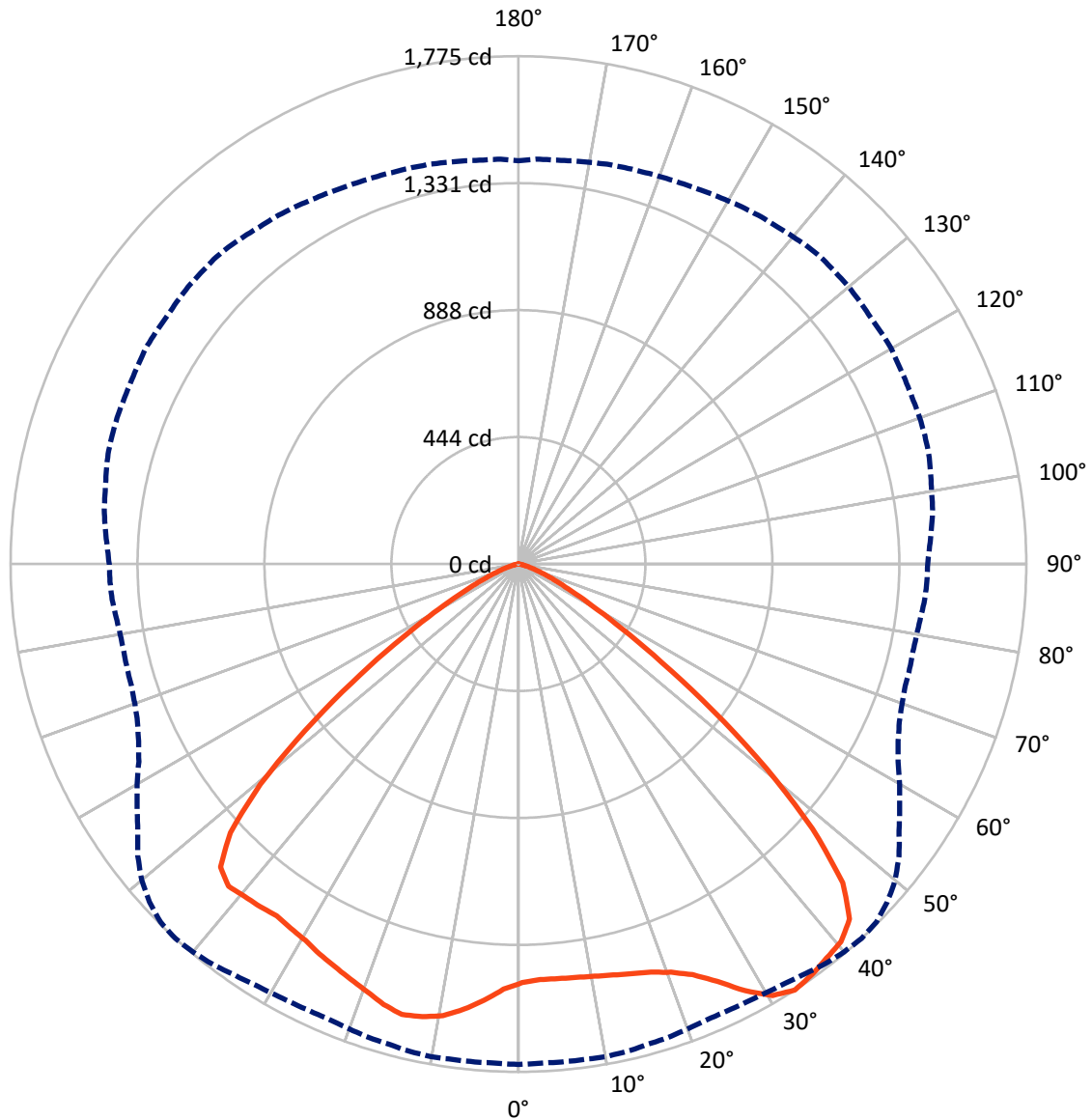
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.3 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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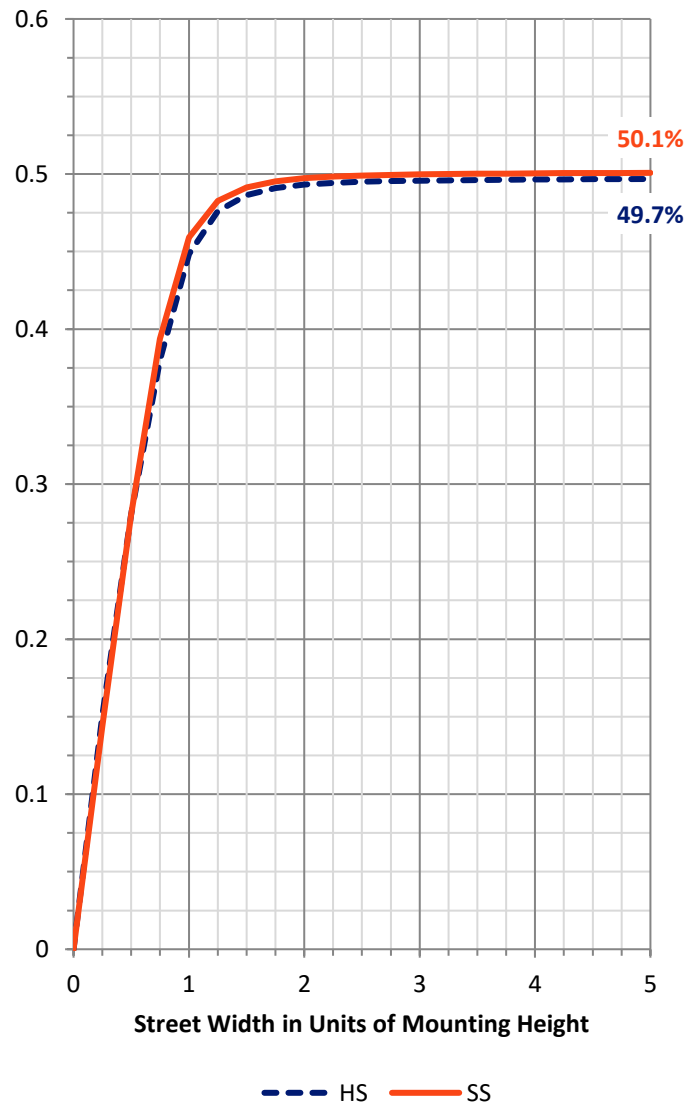
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1849.8	0.0	1849.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1852.3	0.0	1852.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	3702.2	0.0	3702.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.0	3.9
10°-20°	432.2	11.7
20°-30°	715.2	19.3
30°-40°	972.1	26.3
40°-50°	925.1	25.0
50°-60°	389.1	10.5
60°-70°	99.9	2.7
70°-80°	22.3	0.6
80°-90°	3.3	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°	3702.2	100.0
0°-180°	3702.2	100.0



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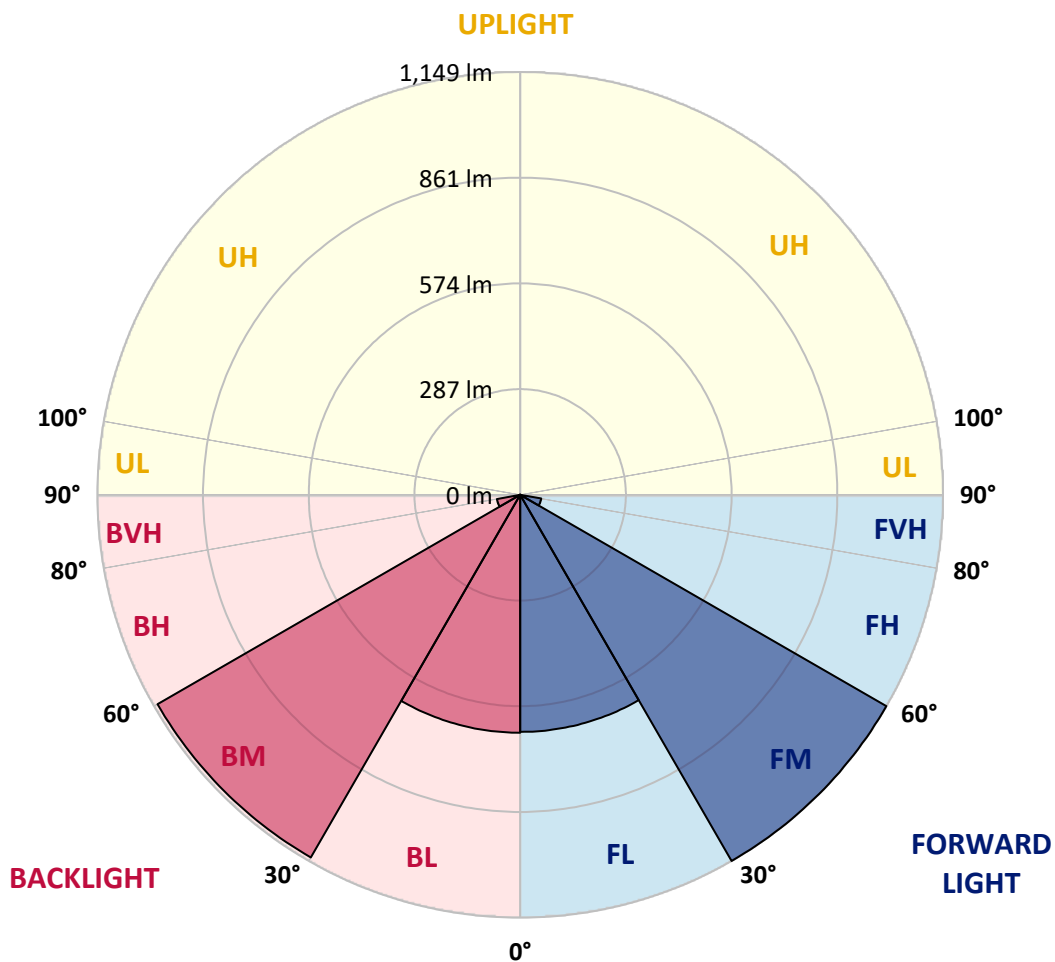
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	644.1	17.4			
FM	(30°-60°)	1148.6	31.0			
FH	(60°-80°)	58.0	1.6			G0/660
FVH	(80°-90°)	1.6	0.0			G0/10
BL	(0°-30°)	646.3	17.5	B2/1000		
BM	(30°-60°)	1137.6	30.7	B2/2500		
BH	(60°-80°)	64.2	1.7	B0/110		G0/660
BVH	(80°-90°)	1.7	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°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
2.5°	1441.4	1441.0	1441.9	1443.7	1441.9	1441.9	1441.9	1443.2	1444.6	1444.1	1443.2
5°	1428.1	1429.4	1430.8	1430.8	1431.2	1431.2	1432.1	1433.9	1436.5	1438.3	1437.5
7.5°	1418.3	1421.9	1423.6	1421.9	1425.0	1425.9	1425.4	1427.2	1432.1	1436.5	1438.3
10°	1420.1	1423.2	1425.0	1422.7	1425.4	1426.8	1428.1	1430.3	1435.7	1440.1	1443.2
12.5°	1435.7	1437.0	1438.8	1437.0	1439.7	1443.2	1445.9	1448.6	1453.9	1457.5	1461.1
15°	1474.0	1476.2	1475.3	1475.8	1476.2	1478.9	1482.9	1485.1	1488.2	1490.9	1492.7
17.5°	1522.5	1523.9	1524.8	1526.1	1530.1	1531.9	1539.0	1540.8	1542.2	1543.0	1542.2
20°	1591.2	1591.6	1592.5	1593.0	1596.5	1598.7	1602.3	1604.5	1605.4	1603.2	1597.8
22.5°	1666.5	1666.5	1667.4	1666.9	1671.8	1674.1	1680.3	1682.5	1681.2	1674.9	1666.9
25°	1715.5	1715.9	1718.6	1720.8	1727.5	1732.4	1738.7	1742.7	1739.5	1736.0	1730.6
27.5°	1706.1	1709.2	1711.9	1718.6	1725.3	1732.4	1740.9	1742.7	1748.0	1752.9	1753.8
30°	1708.8	1709.7	1711.9	1714.1	1716.4	1719.5	1723.5	1725.7	1728.4	1731.1	1736.4
32.5°	1749.4	1746.2	1747.1	1747.1	1748.4	1745.8	1738.7	1736.0	1728.9	1723.5	1723.9
35°	1769.4	1768.1	1770.3	1769.4	1770.7	1770.3	1768.9	1764.9	1756.0	1749.4	1739.5
37.5°	1696.3	1699.0	1705.7	1707.9	1714.6	1720.0	1730.6	1733.8	1737.8	1742.2	1741.3
40°	1493.1	1498.5	1507.9	1517.2	1532.8	1551.1	1575.6	1599.6	1622.8	1640.2	1655.3
42.5°	1163.9	1172.8	1183.9	1197.7	1220.9	1254.3	1294.0	1333.2	1379.5	1423.6	1459.3
45°	847.5	852.8	862.2	875.1	898.3	924.1	961.6	1007.5	1056.9	1115.7	1165.6
47.5°	590.4	594.9	602.9	612.7	629.2	652.8	682.6	718.7	763.7	810.5	859.1
50°	400.1	405.0	411.3	418.0	428.7	447.4	469.7	497.7	530.2	569.0	609.1
52.5°	281.6	281.6	283.8	290.1	298.1	308.8	323.0	343.1	365.8	393.0	421.1
55°	197.4	198.3	200.1	203.6	209.4	218.3	227.7	241.0	257.6	278.5	297.2
57.5°	136.3	138.1	139.5	141.7	146.6	152.8	159.5	169.3	182.2	197.8	211.2
60°	94.0	94.0	96.3	97.6	100.7	105.6	110.9	117.6	127.9	139.0	151.1
62.5°	64.2	64.2	65.0	65.9	68.2	72.2	75.8	81.5	88.7	96.7	108.3
65°	43.7	43.7	44.6	45.4	47.7	49.0	51.7	55.7	60.2	66.4	74.0
67.5°	31.2	31.6	32.1	32.5	33.4	34.3	36.1	38.3	41.5	45.0	50.8
70°	23.2	23.2	23.6	23.6	24.5	24.9	25.9	27.2	29.4	31.6	35.2
72.5°	17.4	17.4	17.4	17.4	17.8	18.3	18.7	19.6	21.0	22.7	24.5
75°	12.9	12.9	12.9	12.9	13.4	13.4	13.8	14.3	15.1	16.0	16.9
77.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.8	10.2	10.2	11.1	12.0
80°	6.2	6.2	6.2	6.2	6.2	6.7	6.7	6.7	7.1	7.1	7.6
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.8	2.2	2.2
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.9	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°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
2.5°	1445.0	1445.4	1446.4	1447.7	1450.3	1453.5	1454.4	1451.7	1455.3	1458.0	1456.6
5°	1440.1	1440.6	1441.9	1445.0	1449.9	1453.9	1455.7	1454.4	1458.4	1461.1	1461.9
7.5°	1441.9	1443.7	1444.1	1448.1	1453.9	1458.0	1458.8	1460.2	1462.9	1465.5	1467.7
10°	1446.4	1449.5	1449.5	1453.5	1459.7	1463.7	1465.5	1466.9	1470.4	1473.1	1475.3
12.5°	1465.5	1468.6	1470.0	1473.1	1475.8	1475.3	1474.4	1472.2	1471.8	1473.5	1474.0
15°	1495.4	1494.5	1494.0	1493.6	1492.3	1488.2	1485.6	1482.4	1479.8	1476.7	1473.5
17.5°	1541.2	1537.3	1531.9	1524.8	1519.0	1508.7	1499.4	1489.6	1482.9	1476.2	1470.8
20°	1590.3	1580.5	1572.5	1562.2	1551.5	1538.6	1523.4	1506.9	1490.9	1478.5	1465.9
22.5°	1656.2	1642.4	1631.3	1617.5	1601.0	1578.2	1559.1	1539.5	1519.0	1497.2	1478.0
25°	1722.2	1711.5	1699.5	1683.4	1662.0	1642.4	1615.7	1589.8	1566.2	1539.5	1511.8
27.5°	1752.5	1749.8	1748.4	1742.7	1730.2	1710.6	1689.2	1658.9	1630.8	1599.6	1564.9
30°	1741.3	1746.7	1755.6	1762.3	1766.3	1761.4	1750.2	1728.4	1701.2	1666.5	1628.1
32.5°	1726.6	1730.2	1736.9	1748.0	1761.0	1770.3	1775.2	1769.4	1748.9	1719.0	1676.7
35°	1734.6	1734.6	1734.6	1735.5	1743.1	1758.3	1764.5	1763.2	1757.4	1736.9	1698.5
37.5°	1746.7	1747.1	1747.1	1745.4	1747.6	1749.4	1748.9	1748.0	1734.6	1717.7	1684.3
40°	1679.0	1700.8	1719.5	1731.1	1741.3	1740.0	1736.0	1726.6	1711.0	1681.2	1649.6
42.5°	1505.2	1552.4	1596.5	1638.8	1668.7	1691.4	1696.8	1688.3	1670.5	1642.4	1607.2
45°	1230.3	1302.4	1369.7	1449.5	1507.4	1559.5	1589.4	1597.8	1591.6	1566.7	1522.1
47.5°	924.1	1000.4	1077.4	1175.0	1253.4	1327.4	1383.1	1418.7	1425.9	1406.7	1360.8
50°	660.8	724.5	793.6	885.8	966.5	1049.3	1123.3	1172.8	1189.3	1175.0	1132.2
52.5°	461.2	510.2	563.2	638.5	704.5	780.2	849.7	901.4	919.7	911.7	880.0
55°	325.7	358.7	396.6	450.9	502.2	555.2	606.5	649.2	671.5	670.2	644.8
57.5°	235.3	256.2	281.6	319.5	356.0	392.1	423.8	454.1	469.2	471.0	454.9
60°	165.7	183.1	202.7	228.2	252.6	275.8	295.0	314.6	324.8	327.5	318.6
62.5°	116.3	132.8	147.5	163.1	179.6	194.7	208.1	217.9	224.6	225.9	221.9
65°	82.5	93.1	103.8	116.8	127.0	136.8	145.2	151.5	155.5	156.0	152.8
67.5°	56.6	63.7	72.2	81.5	89.6	95.3	101.2	105.2	107.8	106.9	103.4
70°	38.8	44.6	49.9	55.7	61.0	66.4	69.9	72.6	74.4	72.2	68.6
72.5°	27.6	30.7	34.8	37.9	41.5	44.6	46.8	48.6	49.4	47.2	45.0
75°	19.2	21.4	23.2	25.4	27.6	29.4	30.3	30.7	31.2	30.3	28.5
77.5°	12.9	14.3	15.1	16.9	18.3	18.7	19.2	19.6	19.6	18.7	17.8
80°	8.4	9.4	9.8	10.2	11.1	11.6	12.0	12.0	12.0	11.6	10.7
82.5°	4.9	4.9	5.4	5.8	6.2	6.2	6.7	6.7	6.7	6.2	6.2
85°	2.2	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.1	2.7	2.7
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°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
2.5°	1456.2	1457.0	1459.3	1458.4	1460.2	1460.2	1462.4	1464.2	1464.6	1464.2	1466.4
5°	1463.3	1466.9	1469.1	1470.0	1470.4	1472.2	1474.9	1478.9	1478.5	1480.2	1483.4
7.5°	1470.0	1474.4	1477.5	1478.0	1479.8	1480.7	1484.2	1488.2	1489.6	1493.6	1498.0
10°	1477.1	1478.5	1480.7	1479.8	1482.9	1483.8	1486.9	1488.7	1490.5	1492.7	1494.5
12.5°	1474.4	1475.8	1477.1	1474.9	1476.7	1475.3	1476.7	1478.0	1478.5	1479.8	1482.4
15°	1469.1	1467.3	1464.6	1460.2	1460.6	1461.1	1458.8	1457.5	1458.8	1461.1	1464.6
17.5°	1465.5	1459.7	1453.9	1447.2	1444.6	1441.0	1437.0	1436.1	1433.9	1436.1	1440.1
20°	1458.0	1447.7	1439.2	1432.5	1424.5	1421.4	1418.3	1416.0	1416.0	1416.0	1418.7
22.5°	1462.9	1449.5	1437.5	1427.6	1416.5	1410.3	1402.7	1402.7	1403.1	1403.1	1403.1
25°	1488.2	1469.5	1447.2	1432.1	1422.7	1412.5	1406.7	1404.9	1401.8	1403.1	1403.6
27.5°	1529.7	1502.5	1478.9	1458.0	1441.9	1433.0	1425.0	1419.6	1415.2	1413.8	1417.0
30°	1585.8	1549.3	1514.1	1482.9	1459.3	1441.4	1428.6	1421.4	1419.6	1419.6	1419.2
32.5°	1624.2	1580.0	1538.6	1495.8	1464.6	1441.0	1426.8	1417.8	1415.6	1412.5	1413.4
35°	1646.0	1592.1	1539.9	1494.0	1458.8	1433.9	1420.5	1413.8	1412.0	1411.6	1418.3
37.5°	1636.2	1586.3	1531.0	1490.5	1458.8	1437.0	1427.2	1422.7	1424.1	1426.3	1435.7
40°	1610.3	1568.0	1521.2	1486.0	1454.4	1433.4	1418.3	1409.8	1406.3	1405.4	1400.5
42.5°	1565.3	1523.4	1477.5	1437.0	1398.2	1365.7	1338.5	1316.7	1304.2	1294.9	1284.1
45°	1471.3	1417.8	1358.6	1307.8	1246.3	1203.1	1163.9	1130.9	1101.0	1093.9	1062.7
47.5°	1298.0	1232.0	1165.6	1102.4	1044.4	980.7	942.4	890.7	869.3	844.4	824.3
50°	1069.8	1002.6	930.4	864.4	794.9	746.8	710.7	665.7	646.1	625.2	608.7
52.5°	827.5	764.2	704.5	648.8	596.2	546.7	521.8	486.6	467.9	451.8	439.3
55°	606.5	560.1	512.0	470.1	430.9	399.3	373.4	344.9	329.7	315.0	305.2
57.5°	430.9	400.1	364.0	335.5	305.2	278.5	256.6	235.3	224.1	209.9	202.7
60°	302.1	282.5	257.6	233.1	208.5	188.5	171.1	153.7	142.6	134.6	127.9
62.5°	209.4	193.8	176.0	156.8	139.5	123.0	108.7	96.3	90.4	82.9	78.0
65°	143.9	131.0	117.2	102.9	89.1	78.4	68.2	59.7	55.3	51.2	47.7
67.5°	96.3	86.9	75.3	65.5	55.7	49.0	43.2	38.3	35.2	33.4	31.6
70°	62.8	55.7	48.1	41.5	36.1	31.6	28.5	26.3	24.5	23.2	22.7
72.5°	40.5	35.6	31.2	27.2	24.5	21.8	20.0	19.2	17.8	17.4	16.9
75°	25.9	23.2	20.5	17.8	16.5	15.1	14.3	13.8	13.4	12.9	12.9
77.5°	16.5	14.7	13.4	12.0	11.1	10.7	10.2	9.8	9.4	9.4	9.4
80°	9.8	8.9	8.4	7.6	7.6	7.1	7.1	6.7	6.7	6.7	6.7
82.5°	5.4	4.9	4.9	4.5	4.5	4.5	4.0	4.5	4.0	4.0	4.0
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
87.5°	0.5	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92724

CATALOG NUMBER: LRC-B16-1-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
2.5°	1467.3	1467.3	1468.6	1469.1	1468.6	1471.8	1470.8	1472.6	1473.1	1474.0	1474.9
5°	1484.2	1486.4	1488.2	1490.5	1490.5	1494.0	1495.8	1498.9	1501.2	1502.9	1505.6
7.5°	1500.7	1503.4	1505.2	1507.4	1511.0	1513.6	1516.3	1518.1	1523.4	1527.4	1530.6
10°	1497.6	1502.0	1503.4	1506.9	1514.1	1515.4	1520.7	1526.6	1532.3	1539.0	1543.9
12.5°	1486.4	1491.8	1494.0	1497.2	1504.3	1510.1	1516.3	1526.6	1534.6	1544.4	1552.4
15°	1469.5	1474.9	1478.5	1481.1	1487.8	1495.4	1504.7	1519.0	1530.6	1542.6	1553.3
17.5°	1442.4	1449.1	1454.8	1459.3	1466.4	1478.5	1490.9	1503.9	1518.1	1531.5	1542.6
20°	1420.5	1425.0	1429.0	1435.2	1444.6	1458.8	1473.5	1490.9	1506.9	1521.7	1534.1
22.5°	1404.9	1412.0	1416.5	1420.9	1432.5	1446.8	1462.9	1480.2	1496.7	1511.0	1523.0
25°	1407.1	1413.4	1415.6	1423.6	1437.0	1451.3	1467.3	1484.2	1498.9	1512.3	1522.1
27.5°	1419.6	1424.1	1428.1	1435.7	1447.7	1461.9	1478.0	1493.1	1503.9	1513.6	1524.3
30°	1420.9	1427.6	1432.1	1438.8	1447.7	1460.6	1471.8	1486.4	1494.9	1506.5	1514.5
32.5°	1418.3	1425.4	1429.0	1430.3	1438.8	1449.5	1460.2	1466.4	1475.8	1485.1	1489.6
35°	1424.5	1429.4	1433.0	1436.1	1440.1	1446.8	1453.5	1455.7	1462.9	1469.5	1472.2
37.5°	1439.2	1445.0	1446.4	1445.9	1449.5	1453.5	1458.8	1461.5	1462.9	1465.5	1464.2
40°	1405.4	1409.4	1410.7	1408.5	1410.3	1417.0	1424.5	1429.4	1431.2	1435.7	1441.4
42.5°	1279.7	1273.9	1272.6	1270.8	1275.7	1282.4	1290.8	1299.7	1316.2	1331.0	1343.0
45°	1057.8	1048.9	1044.9	1041.8	1047.1	1051.1	1064.9	1079.2	1102.4	1130.5	1155.0
47.5°	807.4	796.2	792.7	791.8	794.0	800.7	812.3	829.7	852.4	880.0	914.8
50°	593.5	583.7	576.1	577.9	581.5	586.0	594.9	611.3	630.9	658.1	688.9
52.5°	426.9	417.5	411.7	411.3	412.6	419.8	427.3	439.8	455.4	480.3	503.5
55°	293.6	287.9	282.0	281.2	282.0	289.6	294.1	306.1	319.9	339.1	360.0
57.5°	194.3	189.8	185.4	184.5	184.5	190.3	192.5	203.2	213.0	229.5	246.9
60°	123.0	118.1	116.3	116.3	115.4	119.0	122.1	128.8	135.9	147.9	161.3
62.5°	74.8	72.2	70.4	70.4	69.9	72.2	75.3	78.4	82.9	91.8	100.3
65°	46.4	45.0	43.7	44.1	44.1	44.6	46.4	47.7	49.9	55.3	60.2
67.5°	30.7	30.3	30.3	30.3	30.3	30.3	30.7	31.6	33.0	35.2	37.9
70°	22.7	22.3	22.3	22.3	22.3	22.3	22.7	23.2	23.2	24.5	25.9
72.5°	16.9	16.9	16.9	16.9	16.9	17.4	17.4	17.4	17.4	17.8	18.3
75°	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.4
77.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.8
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P92724

CATALOG NUMBER: LRC-B16-1-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
2.5°	1478.0	1478.9	1479.3	1481.1	1483.4	1482.9	1482.9	1484.7	1488.7	1486.9	1486.9
5°	1509.6	1512.8	1513.6	1516.3	1518.5	1519.9	1521.7	1524.8	1530.1	1528.8	1529.2
7.5°	1534.6	1539.0	1542.2	1547.5	1552.8	1556.0	1559.5	1563.1	1568.0	1566.2	1566.7
10°	1549.3	1556.4	1564.4	1571.6	1579.6	1584.5	1589.4	1594.3	1599.2	1598.7	1599.6
12.5°	1560.9	1572.0	1581.8	1588.5	1595.6	1601.0	1605.9	1609.4	1613.0	1615.7	1617.9
15°	1563.5	1574.7	1585.8	1595.2	1603.2	1609.9	1614.8	1618.3	1624.2	1625.0	1625.9
17.5°	1554.2	1567.6	1579.1	1589.4	1596.5	1602.3	1607.2	1611.7	1616.1	1615.7	1613.5
20°	1544.8	1554.6	1564.9	1572.0	1578.7	1584.0	1585.4	1585.4	1587.6	1587.6	1586.7
22.5°	1535.0	1544.4	1553.3	1559.5	1563.5	1564.0	1561.7	1558.7	1559.1	1560.4	1563.1
25°	1534.1	1540.4	1543.9	1543.9	1540.4	1537.7	1535.9	1536.8	1539.9	1544.4	1545.7
27.5°	1531.5	1537.7	1535.5	1531.9	1526.6	1524.3	1526.1	1528.3	1530.6	1529.2	1528.8
30°	1522.5	1522.5	1521.2	1517.2	1515.4	1515.9	1518.5	1516.3	1516.3	1515.4	1515.9
32.5°	1493.1	1494.0	1496.7	1499.8	1505.2	1504.7	1502.9	1505.2	1506.9	1505.6	1506.1
35°	1470.4	1472.2	1475.8	1477.1	1478.5	1483.4	1487.8	1494.9	1503.9	1502.9	1499.4
37.5°	1461.9	1461.1	1462.4	1460.2	1463.3	1469.1	1475.8	1484.2	1494.5	1498.9	1503.9
40°	1441.0	1439.7	1443.2	1446.8	1449.5	1457.0	1467.7	1478.9	1493.1	1504.3	1506.9
42.5°	1358.6	1364.4	1384.0	1395.5	1410.3	1429.0	1446.8	1463.7	1482.0	1496.7	1508.7
45°	1186.1	1207.1	1240.1	1272.1	1303.8	1338.5	1375.5	1406.7	1438.3	1462.4	1477.5
47.5°	953.5	978.1	1025.3	1072.0	1122.4	1180.8	1232.0	1278.8	1325.1	1353.2	1372.4
50°	722.7	749.9	807.0	844.8	902.8	971.8	1034.2	1088.6	1139.4	1171.4	1191.9
52.5°	534.2	559.6	608.7	641.6	704.0	760.1	817.2	870.2	918.8	951.8	959.8
55°	384.5	408.2	446.5	476.8	527.6	570.3	617.1	662.1	703.1	725.4	727.2
57.5°	267.4	291.4	319.0	343.5	384.1	419.3	457.6	488.8	517.8	530.7	532.0
60°	178.3	194.3	219.7	241.5	274.5	303.0	328.8	352.4	372.1	379.2	377.4
62.5°	113.2	128.3	146.2	165.7	189.4	210.3	230.8	249.5	262.0	266.5	265.6
65°	68.6	78.9	92.2	107.4	124.7	141.7	158.2	171.6	181.8	185.4	184.0
67.5°	42.3	48.6	55.7	67.7	78.4	92.2	104.7	115.4	123.0	125.7	124.7
70°	28.1	31.2	35.2	42.3	49.0	57.5	65.9	74.4	80.2	84.2	84.2
72.5°	19.6	21.0	23.6	26.7	31.6	36.1	41.0	46.8	51.2	53.5	54.3
75°	14.3	14.7	16.0	17.8	20.5	22.7	26.3	29.4	31.6	33.0	33.4
77.5°	9.8	10.2	11.1	11.6	12.9	14.3	16.5	17.8	19.2	19.6	20.0
80°	6.7	7.1	7.1	7.6	8.4	8.9	9.8	10.7	11.6	12.0	12.0
82.5°	4.5	4.5	4.5	4.5	4.9	4.9	5.4	5.8	6.2	6.7	6.7
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.7	2.7	2.7	3.1
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.9	0.9	0.9
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-B16-1-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°	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	0°
2.5°	1486.9	1490.0	1491.3	1489.6	1489.1	1490.0	1488.2	1487.4	1489.6	1489.6	1489.6	2.5°
5°	1529.7	1534.6	1535.9	1533.3	1532.8	1531.9	1531.5	1531.0	1532.8	1532.3	1532.3	5°
7.5°	1568.0	1571.6	1573.3	1571.6	1570.7	1569.3	1568.4	1568.0	1568.4	1568.0	1565.3	7.5°
10°	1600.5	1601.0	1598.7	1596.5	1593.8	1592.1	1589.8	1587.6	1584.0	1582.2	1577.3	10°
12.5°	1617.5	1617.9	1617.0	1615.7	1612.6	1608.1	1603.7	1598.7	1593.8	1588.9	1581.4	12.5°
15°	1626.4	1624.2	1618.3	1616.5	1609.4	1601.9	1594.3	1587.6	1580.5	1572.0	1564.9	15°
17.5°	1609.9	1605.0	1600.5	1596.5	1590.7	1585.8	1580.5	1576.5	1572.9	1565.3	1556.9	17.5°
20°	1584.9	1582.7	1579.6	1580.5	1576.9	1572.5	1569.3	1565.3	1563.1	1556.4	1547.5	20°
22.5°	1565.8	1565.8	1565.3	1566.7	1564.9	1561.3	1557.7	1555.1	1550.2	1545.3	1536.8	22.5°
25°	1546.2	1547.5	1545.7	1546.6	1547.5	1546.6	1546.2	1543.0	1539.5	1535.0	1527.4	25°
27.5°	1530.6	1530.1	1528.8	1526.1	1526.1	1525.2	1521.7	1514.5	1509.2	1503.9	1498.9	27.5°
30°	1511.4	1512.3	1511.8	1507.9	1503.4	1495.4	1486.4	1480.2	1473.1	1469.1	1465.5	30°
32.5°	1501.6	1493.6	1485.6	1480.7	1474.0	1465.5	1458.8	1451.7	1446.4	1441.9	1437.5	32.5°
35°	1492.3	1485.1	1477.5	1470.0	1459.7	1454.8	1446.4	1439.7	1441.0	1443.2	1444.6	35°
37.5°	1499.8	1491.3	1482.9	1473.1	1467.7	1462.9	1463.3	1466.9	1476.2	1486.0	1490.9	37.5°
40°	1505.2	1506.5	1501.2	1494.9	1494.9	1498.9	1504.3	1513.2	1519.0	1523.4	1526.1	40°
42.5°	1515.0	1520.7	1521.2	1518.1	1511.8	1506.1	1499.4	1489.6	1481.6	1468.6	1458.4	42.5°
45°	1485.6	1488.2	1485.6	1469.1	1447.7	1424.5	1382.6	1346.1	1303.3	1265.9	1241.9	45°
47.5°	1376.8	1370.2	1349.2	1310.5	1266.8	1213.8	1145.1	1100.6	1030.6	974.0	941.9	47.5°
50°	1185.7	1162.5	1121.5	1064.5	1003.0	936.2	858.6	799.4	742.8	690.2	660.3	50°
52.5°	947.3	913.0	865.3	803.4	738.8	674.2	615.8	561.9	506.2	468.3	447.8	52.5°
55°	714.3	677.3	631.8	575.2	520.9	471.4	427.3	386.7	348.4	320.4	306.1	55°
57.5°	516.0	483.0	447.8	405.0	367.2	329.7	298.5	270.9	246.0	220.5	209.0	57.5°
60°	364.0	340.4	315.9	284.3	258.4	231.7	206.7	186.7	168.4	150.6	142.6	60°
62.5°	253.1	237.9	219.7	198.3	179.1	161.3	143.9	127.4	114.5	101.2	95.3	62.5°
65°	175.6	164.4	152.8	137.7	123.4	110.1	98.5	86.0	76.6	67.3	62.8	65°
67.5°	120.3	112.7	104.7	93.6	84.2	73.5	65.5	57.5	51.7	45.4	41.9	67.5°
70°	81.1	75.3	69.5	62.4	56.6	49.4	43.7	38.8	34.8	31.6	28.9	70°
72.5°	52.6	49.4	45.9	41.5	37.4	33.0	30.3	26.7	24.5	22.3	20.5	72.5°
75°	33.0	31.6	29.9	27.2	24.9	22.3	20.5	18.7	16.9	15.6	14.7	75°
77.5°	20.0	19.6	18.7	17.4	16.0	14.7	13.8	12.5	11.6	11.1	10.2	77.5°
80°	12.5	12.0	11.1	10.7	9.8	9.4	8.9	8.0	7.6	7.6	7.1	80°
82.5°	6.7	6.7	6.2	5.8	5.4	4.9	4.9	4.9	4.5	4.5	4.5	82.5°
85°	3.1	3.1	2.7	2.7	2.7	2.2	2.2	2.2	2.2	2.2	2.2	85°
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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: P92724

NUMBER: LRC-B16-1-LED-E1-VAT

DISTRIBUTION (continued):

165°	167.5°	170°	172.5°	175°	177.5°	180°
1463.3	1463.3	1463.3	1463.3	1463.3	1463.3	1463.3
1488.7	1488.2	1487.8	1487.8	1487.4	1486.0	1485.6
1531.5	1529.7	1531.0	1530.1	1529.2	1528.8	1529.7
1563.5	1562.7	1563.1	1559.1	1558.7	1556.4	1557.7
1574.3	1572.9	1572.5	1569.8	1568.0	1566.2	1565.8
1576.9	1571.6	1567.6	1564.9	1562.2	1559.1	1556.0
1557.7	1550.6	1545.3	1540.8	1537.7	1534.6	1531.0
1549.3	1540.8	1533.3	1527.9	1524.8	1521.7	1520.7
1537.7	1529.2	1518.5	1512.3	1507.4	1505.2	1503.9
1527.9	1517.7	1506.9	1499.8	1495.4	1491.8	1490.5
1517.2	1505.6	1495.8	1487.8	1482.0	1480.7	1478.9
1491.8	1478.9	1467.7	1457.0	1449.1	1445.4	1441.4
1457.0	1449.1	1441.0	1434.3	1430.3	1427.2	1423.6
1434.3	1431.2	1425.9	1421.4	1417.4	1416.5	1409.4
1446.4	1449.1	1450.8	1454.4	1456.2	1457.0	1457.0
1499.8	1506.9	1511.0	1517.7	1521.2	1520.7	1519.0
1529.2	1532.8	1530.1	1528.3	1530.6	1531.9	1531.5
1444.1	1431.2	1416.5	1404.5	1397.3	1395.1	1393.3
1207.1	1178.1	1152.3	1133.1	1121.1	1114.8	1114.4
901.9	870.2	841.3	818.1	804.7	795.4	791.8
621.1	592.6	567.7	551.2	540.5	533.4	530.7
418.4	397.9	383.2	370.7	362.7	358.7	356.5
286.1	271.4	260.2	251.3	246.0	242.4	241.0
195.1	184.0	174.7	167.5	164.9	161.3	160.0
130.1	123.0	115.8	111.4	108.7	106.5	106.0
86.0	80.7	76.6	74.0	71.3	69.9	69.5
57.5	53.9	50.8	49.0	47.7	46.4	46.8
38.8	36.5	34.3	33.4	33.0	32.1	32.1
27.2	25.4	24.5	24.1	23.6	23.2	23.2
19.6	18.7	18.3	17.8	17.4	17.4	17.4
13.8	13.8	13.4	12.9	12.9	12.9	12.9
9.8	9.8	9.4	9.4	9.4	9.4	9.4
6.7	6.7	6.7	6.7	6.7	6.7	6.2
4.5	4.5	4.0	4.0	4.0	4.0	4.0
2.2	2.2	2.2	2.2	2.2	2.2	2.2
0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)