

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: P146075

Luminaire Tested: **LDRL-SLR-F06-E**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146075
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRL-SLR-F06-E
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13341 lumens
Efficiency: N/A
Efficacy: 85.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

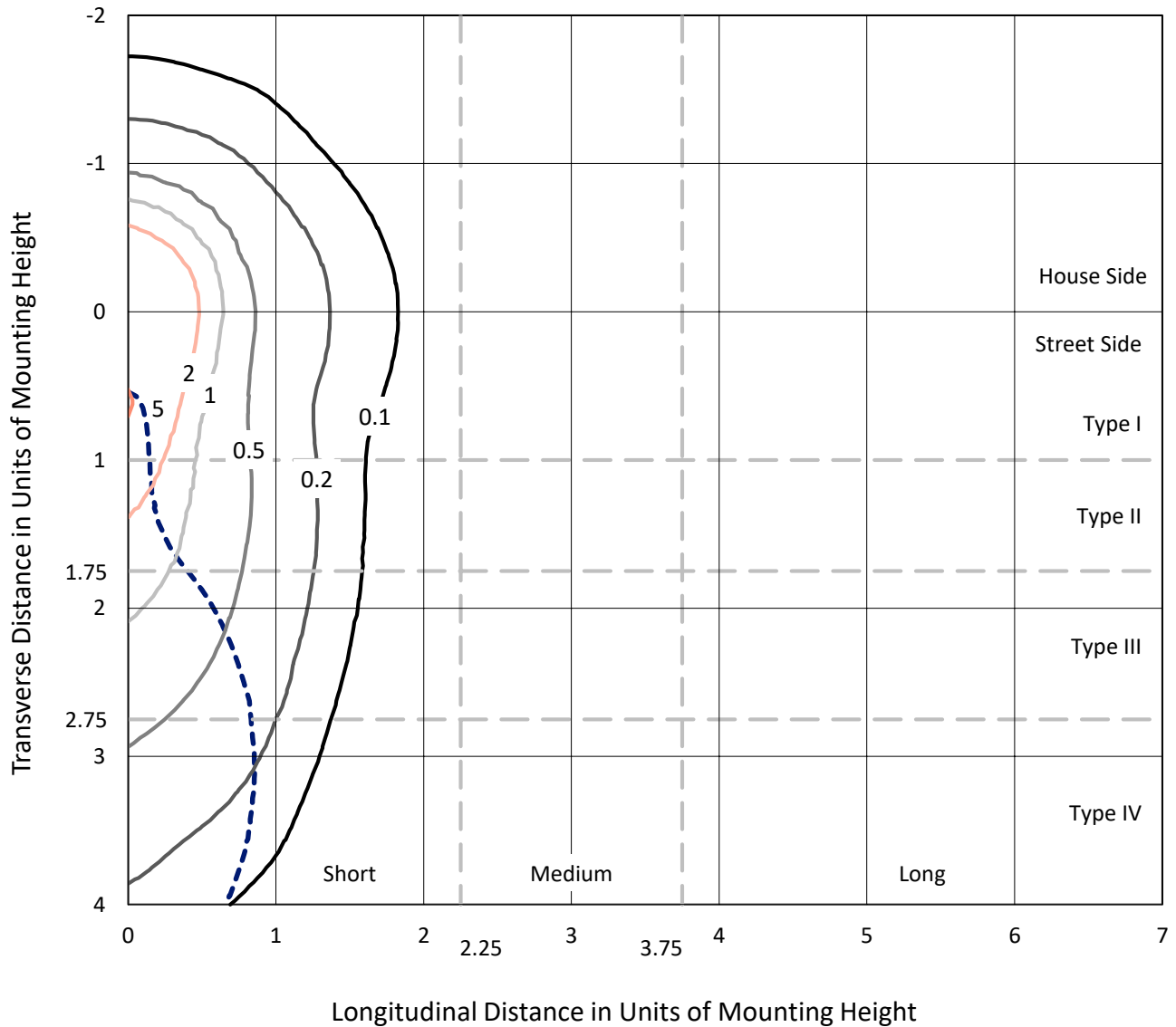
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

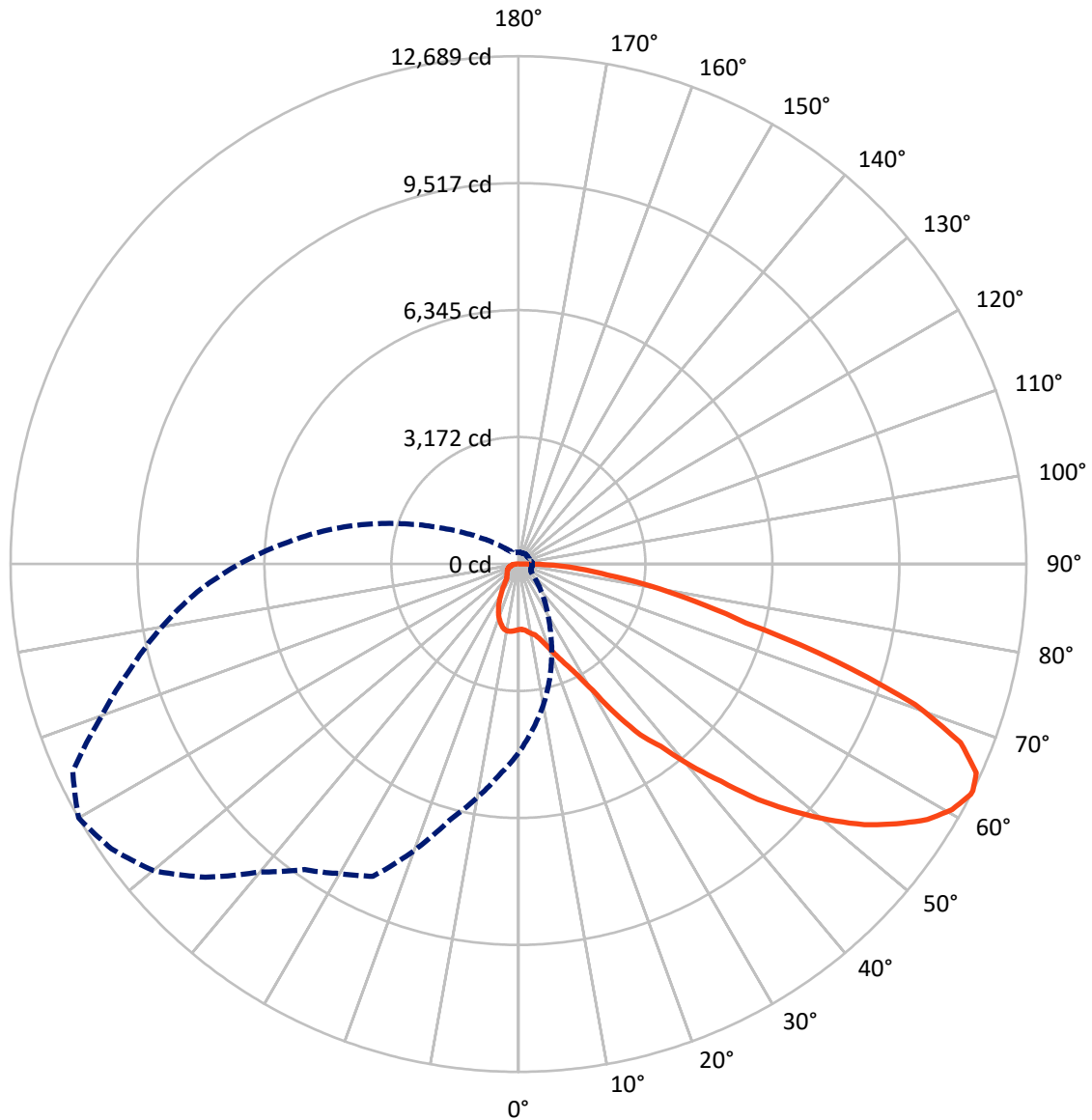
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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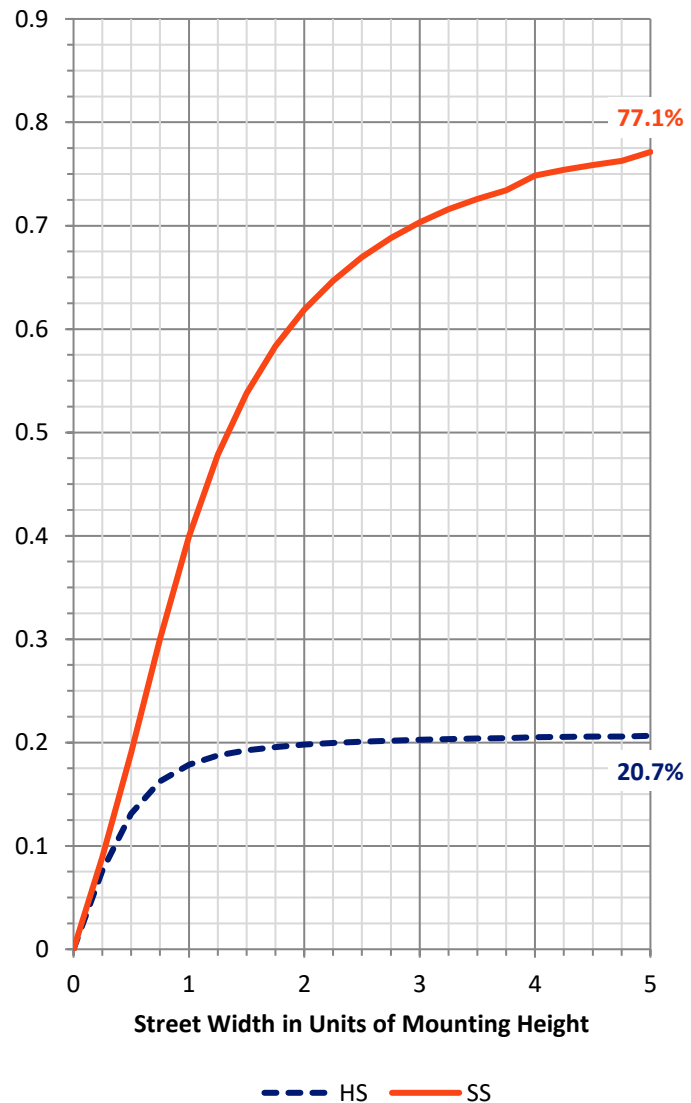
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2792.7	0.0	2792.7
	% Fixture	20.9	0.0	20.9
Street Side	Lumens	10548.3	0.0	10548.3
	% Fixture	79.1	0.0	79.1
Total	Lumens	13341.0	0.0	13341.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.9	1.2
10°-20°	502.2	3.8
20°-30°	888.2	6.7
30°-40°	1402.2	10.5
40°-50°	2061.9	15.5
50°-60°	2716.1	20.4
60°-70°	3027.3	22.7
70°-80°	1989.0	14.9
80°-90°	593.2	4.4
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°	13341.0	100.0
0°-180°	13341.0	100.0



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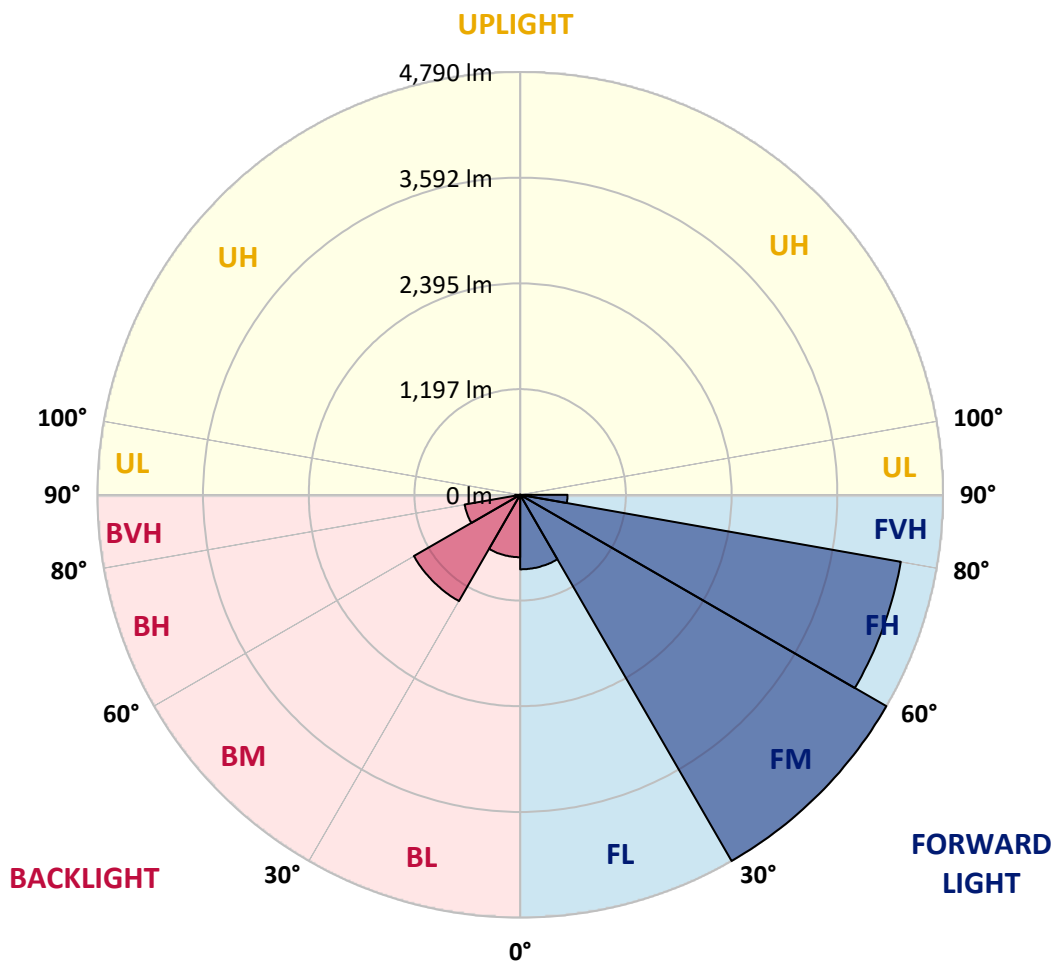
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	844.4	6.3			
FM	(30°-60°)	4789.8	35.9			
FH	(60°-80°)	4378.1	32.8			G2/5000
FVH	(80°-90°)	536.1	4.0			G4/750
BL	(0°-30°)	706.9	5.3	B2/1000		
BM	(30°-60°)	1390.4	10.4	B2/2500		
BH	(60°-80°)	638.2	4.8	B2/1000		G2/1000
BVH	(80°-90°)	57.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
2.5°	1636.5	1639.5	1639.5	1636.5	1639.5	1638.5	1638.5	1641.5	1642.5	1647.4	1644.4
5°	1628.6	1629.6	1630.6	1628.6	1629.6	1629.6	1631.6	1634.5	1635.5	1641.5	1638.5
7.5°	1619.7	1621.7	1617.7	1618.7	1621.7	1625.6	1625.6	1629.6	1636.5	1639.5	1638.5
10°	1624.6	1622.7	1619.7	1618.7	1620.7	1621.7	1623.6	1630.6	1636.5	1639.5	1644.4
12.5°	1663.3	1657.3	1654.4	1653.4	1654.4	1652.4	1659.3	1661.3	1663.3	1667.2	1665.2
15°	1736.6	1728.6	1723.7	1718.7	1729.6	1724.7	1724.7	1718.7	1708.8	1694.0	1675.2
17.5°	1838.6	1829.7	1825.7	1823.7	1824.7	1815.8	1798.0	1769.3	1734.6	1695.0	1658.3
20°	1985.2	1999.1	1993.1	1966.4	1956.5	1916.9	1860.4	1801.0	1740.5	1677.1	1616.7
22.5°	2238.8	2230.9	2204.2	2137.8	2078.3	1989.2	1888.1	1792.0	1702.9	1610.8	1531.5
25°	2533.0	2466.7	2391.4	2260.6	2123.9	1977.3	1831.7	1717.8	1598.9	1497.8	1402.7
27.5°	2893.6	2750.0	2557.8	2344.8	2140.8	1945.6	1773.2	1622.7	1486.9	1379.0	1273.0
30°	3248.3	3008.5	2741.1	2458.7	2183.3	1919.8	1692.0	1517.6	1361.1	1222.4	1115.4
32.5°	3494.0	3203.7	2870.8	2522.1	2187.3	1878.2	1602.8	1394.8	1218.5	1078.8	950.0
35°	3696.0	3333.5	2916.4	2512.2	2123.9	1781.2	1475.0	1244.2	1057.0	912.4	799.4
37.5°	3834.7	3399.8	2913.4	2454.8	2011.0	1626.6	1328.4	1093.7	919.3	784.6	680.6
40°	3931.8	3420.6	2874.8	2356.7	1881.2	1477.0	1171.9	957.9	805.4	700.4	625.1
42.5°	3978.4	3406.8	2817.4	2263.6	1752.4	1356.2	1054.0	866.8	743.0	663.7	608.2
45°	3998.2	3373.1	2753.0	2172.5	1647.4	1252.2	993.6	839.1	742.0	673.6	613.2
47.5°	3993.2	3336.4	2695.5	2097.2	1585.0	1224.4	1005.5	876.7	778.6	693.4	616.2
50°	3979.4	3302.8	2658.9	2069.4	1584.0	1266.0	1071.9	940.1	821.2	711.3	613.2
52.5°	3978.4	3299.8	2678.7	2102.1	1641.5	1360.1	1171.9	1013.4	862.8	731.1	614.2
55°	4002.1	3353.3	2762.9	2190.3	1780.2	1491.9	1284.8	1091.7	909.4	745.0	611.2
57.5°	4098.2	3487.0	2922.4	2387.4	1958.5	1652.4	1393.8	1150.1	927.2	741.0	597.3
60°	4309.2	3721.8	3168.0	2665.8	2187.3	1799.0	1458.2	1169.9	919.3	717.2	567.6
62.5°	4638.1	4061.6	3504.8	2939.2	2390.4	1887.1	1473.1	1154.1	887.6	677.6	531.0
63°	4722.3	4139.8	3573.2	2995.7	2425.1	1896.1	1472.1	1148.1	878.7	667.7	522.1
65°	5074.0	4475.7	3847.6	3181.9	2518.2	1913.9	1449.3	1110.5	839.1	621.1	481.4
67.5°	5603.0	4846.2	4120.0	3355.3	2569.7	1882.2	1378.0	1017.4	737.0	539.9	421.0
70°	5955.7	5091.8	4282.5	3411.7	2509.3	1737.6	1214.5	852.9	602.3	444.8	359.6
72.5°	5964.6	4871.9	4062.6	3118.5	2166.5	1433.4	951.0	644.9	468.6	361.6	310.1
75°	5327.6	4117.1	3320.6	2560.8	1667.2	1013.4	668.7	470.5	359.6	298.2	268.5
77.5°	3960.5	3003.6	2396.3	1722.7	1082.8	656.8	465.6	348.7	285.3	246.7	224.9
80°	2457.8	1877.2	1454.2	1030.3	648.9	436.9	340.8	277.4	239.7	206.1	188.2
82.5°	1482.0	1051.1	821.2	622.1	415.1	315.0	262.5	233.8	203.1	173.4	159.5
85°	1085.7	751.9	550.8	384.4	256.6	208.0	184.3	178.3	157.5	133.7	125.8
87.5°	341.8	358.6	372.5	226.9	123.8	94.1	80.2	94.1	90.1	63.4	69.3
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°	95°	100°	105°
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
2.5°	1649.4	1653.4	1650.4	1650.4	1648.4	1647.4	1654.4	1652.4	1654.4	1653.4	1655.3
5°	1643.5	1646.4	1644.4	1646.4	1644.4	1644.4	1653.4	1653.4	1657.3	1659.3	1664.3
7.5°	1645.4	1646.4	1645.4	1648.4	1646.4	1644.4	1649.4	1652.4	1659.3	1665.2	1670.2
10°	1652.4	1655.3	1654.4	1654.4	1648.4	1644.4	1647.4	1649.4	1656.3	1659.3	1665.2
12.5°	1669.2	1665.2	1657.3	1652.4	1638.5	1630.6	1626.6	1624.6	1629.6	1633.5	1636.5
15°	1665.2	1643.5	1625.6	1610.8	1590.0	1577.1	1567.2	1566.2	1567.2	1568.2	1571.1
17.5°	1624.6	1594.9	1559.3	1540.4	1516.7	1502.8	1495.9	1490.9	1489.9	1491.9	1496.8
20°	1566.2	1522.6	1483.0	1450.3	1424.5	1402.7	1407.7	1396.8	1401.7	1404.7	1413.6
22.5°	1477.0	1416.6	1371.0	1331.4	1300.7	1277.9	1277.9	1268.0	1270.0	1278.9	1290.8
25°	1332.4	1275.9	1210.5	1182.8	1148.1	1132.3	1129.3	1127.3	1135.3	1146.2	1153.1
27.5°	1201.6	1124.4	1060.0	1023.3	986.7	990.6	970.8	982.7	991.6	1000.5	1008.5
30°	1025.3	961.9	903.5	866.8	823.2	824.2	827.2	829.2	837.1	849.0	864.8
32.5°	855.9	787.6	733.1	693.4	667.7	659.8	648.9	666.7	676.6	688.5	704.3
35°	716.2	644.9	599.3	564.7	549.8	538.9	535.9	533.9	542.9	548.8	561.7
37.5°	616.2	567.6	533.9	509.2	495.3	483.4	480.5	478.5	477.5	475.5	483.4
40°	575.6	536.9	508.2	485.4	472.5	465.6	462.6	458.7	454.7	449.7	448.8
42.5°	563.7	522.1	488.4	465.6	455.7	454.7	454.7	452.7	448.8	441.8	436.9
45°	558.7	508.2	469.6	451.7	444.8	445.8	445.8	445.8	442.8	435.9	428.0
47.5°	549.8	491.4	451.7	436.9	433.9	435.9	437.9	437.9	435.9	429.9	421.0
50°	533.0	465.6	424.0	410.1	409.1	410.1	410.1	412.1	410.1	405.2	397.2
52.5°	520.1	445.8	403.2	392.3	392.3	391.3	390.3	390.3	389.3	385.4	379.4
55°	508.2	432.9	394.3	385.4	387.3	387.3	385.4	384.4	380.4	375.4	369.5
57.5°	491.4	419.0	385.4	379.4	381.4	380.4	379.4	378.4	374.5	368.5	360.6
60°	461.6	394.3	367.5	363.6	366.5	367.5	371.5	372.5	370.5	363.6	352.7
62.5°	428.9	363.6	343.7	340.8	343.7	346.7	349.7	347.7	347.7	340.8	330.9
63°	418.0	358.6	336.8	336.8	339.8	342.8	344.7	342.8	343.7	335.8	325.9
65°	393.3	340.8	323.9	324.9	327.9	329.9	330.9	330.9	329.9	323.9	315.0
67.5°	351.7	315.0	305.1	310.1	314.0	315.0	315.0	317.0	315.0	311.1	303.1
70°	314.0	290.3	283.3	289.3	291.2	292.2	292.2	292.2	290.3	286.3	279.4
72.5°	285.3	273.4	272.4	271.4	272.4	269.5	269.5	267.5	262.5	259.5	253.6
75°	253.6	247.7	248.6	247.7	245.7	244.7	239.7	237.8	231.8	227.8	219.9
77.5°	217.9	218.9	217.9	218.9	220.9	221.9	215.0	210.0	205.1	201.1	197.1
80°	181.3	183.3	181.3	183.3	184.3	184.3	177.3	169.4	165.4	168.4	169.4
82.5°	161.5	161.5	153.5	155.5	153.5	150.6	145.6	142.7	139.7	137.7	142.7
85°	127.8	128.8	130.8	128.8	124.8	121.8	116.9	112.9	110.0	112.9	119.9
87.5°	76.3	82.2	79.3	79.3	78.3	78.3	74.3	72.3	69.3	81.2	87.2
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
2.5°	1654.4	1657.3	1658.3	1657.3	1658.3	1660.3	1652.4	1660.3	1661.3	1655.3	1657.3
5°	1668.2	1673.2	1680.1	1680.1	1685.1	1688.0	1684.1	1695.0	1696.9	1696.0	1700.9
7.5°	1678.1	1685.1	1694.0	1698.9	1707.8	1711.8	1714.8	1724.7	1726.7	1730.6	1734.6
10°	1677.1	1687.0	1695.0	1708.8	1719.7	1727.7	1733.6	1744.5	1748.5	1754.4	1757.4
12.5°	1648.4	1659.3	1674.2	1694.0	1713.8	1726.7	1742.5	1758.4	1764.3	1772.2	1777.2
15°	1584.0	1592.9	1613.7	1639.5	1666.2	1698.9	1721.7	1746.5	1757.4	1765.3	1772.2
17.5°	1499.8	1507.7	1526.6	1549.3	1585.0	1616.7	1651.4	1689.0	1707.8	1716.8	1719.7
20°	1421.6	1433.4	1438.4	1465.1	1477.0	1508.7	1538.4	1580.1	1603.8	1619.7	1629.6
22.5°	1298.7	1304.7	1330.4	1341.3	1350.2	1370.0	1406.7	1443.3	1475.0	1500.8	1508.7
25°	1163.0	1178.8	1192.7	1201.6	1222.4	1223.4	1253.1	1278.9	1318.5	1343.3	1363.1
27.5°	1013.4	1037.2	1045.1	1051.1	1066.9	1085.7	1096.6	1122.4	1145.2	1173.9	1209.6
30°	862.8	885.6	901.5	910.4	925.2	943.1	951.0	967.8	997.6	1029.3	1057.0
32.5°	722.2	745.9	753.9	782.6	786.6	803.4	809.3	836.1	852.9	879.7	912.4
35°	584.5	609.2	633.0	648.9	666.7	665.7	681.6	706.3	721.2	748.9	770.7
37.5°	490.4	505.2	522.1	539.9	559.7	574.6	589.4	600.3	612.2	631.0	650.8
40°	448.8	452.7	459.7	470.5	484.4	495.3	506.2	515.1	524.0	538.9	551.8
42.5°	431.9	428.9	428.9	427.0	431.9	437.9	446.8	449.7	463.6	472.5	477.5
45°	420.0	413.1	408.1	402.2	400.2	402.2	407.1	414.1	423.0	426.0	426.0
47.5°	413.1	402.2	394.3	385.4	380.4	380.4	383.4	388.3	393.3	394.3	393.3
50°	389.3	378.4	368.5	360.6	356.6	356.6	357.6	364.6	365.5	363.6	364.6
52.5°	371.5	360.6	350.7	343.7	338.8	339.8	342.8	345.7	348.7	346.7	344.7
55°	360.6	347.7	338.8	330.9	324.9	326.9	329.9	333.8	338.8	335.8	332.9
57.5°	350.7	339.8	328.9	321.0	314.0	316.0	319.0	324.9	330.9	324.9	321.0
60°	341.8	330.9	320.0	312.0	304.1	306.1	310.1	316.0	321.0	313.0	308.1
62.5°	320.0	310.1	302.1	298.2	293.2	296.2	299.2	306.1	304.1	296.2	290.3
63°	316.0	306.1	299.2	295.2	291.2	295.2	296.2	303.1	300.2	292.2	287.3
65°	304.1	296.2	289.3	285.3	281.3	283.3	283.3	286.3	282.3	276.4	272.4
67.5°	293.2	284.3	277.4	269.5	265.5	263.5	262.5	261.5	258.6	255.6	254.6
70°	269.5	263.5	257.6	250.6	244.7	240.7	238.7	236.8	234.8	233.8	232.8
72.5°	243.7	238.7	232.8	228.8	223.9	220.9	216.0	215.0	213.0	211.0	210.0
75°	216.0	210.0	208.0	204.1	201.1	199.1	195.2	194.2	192.2	189.2	188.2
77.5°	191.2	189.2	186.2	185.2	180.3	177.3	175.3	174.4	172.4	170.4	168.4
80°	170.4	169.4	167.4	166.4	163.5	159.5	157.5	158.5	155.5	154.5	151.6
82.5°	153.5	154.5	154.5	151.6	148.6	143.6	141.7	144.6	142.7	138.7	134.7
85°	130.8	129.8	130.8	129.8	123.8	118.9	116.9	118.9	117.9	111.9	111.0
87.5°	93.1	92.1	90.1	96.1	88.2	71.3	73.3	83.2	80.2	77.3	75.3
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: P146075

CATALOG NUMBER: LDRL-SLR-F06-E

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
2.5°	1661.3	1658.3	1660.3	1661.3	1658.3	1665.2	1658.3	1659.3	1661.3	1655.3	1654.4
5°	1704.9	1704.9	1712.8	1713.8	1712.8	1721.7	1720.7	1721.7	1719.7	1718.7	1714.8
7.5°	1740.5	1744.5	1750.4	1759.4	1762.3	1769.3	1771.2	1772.2	1776.2	1780.2	1778.2
10°	1766.3	1777.2	1782.1	1791.1	1800.0	1804.9	1809.9	1817.8	1820.8	1823.7	1819.8
12.5°	1784.1	1797.0	1804.9	1815.8	1826.7	1834.6	1843.6	1853.5	1863.4	1866.3	1861.4
15°	1775.2	1790.1	1802.0	1813.8	1830.7	1845.5	1862.4	1880.2	1893.1	1898.0	1892.1
17.5°	1719.7	1734.6	1752.4	1770.3	1788.1	1815.8	1839.6	1869.3	1890.1	1905.0	1907.0
20°	1643.5	1652.4	1678.1	1696.0	1724.7	1757.4	1793.0	1827.7	1851.5	1878.2	1894.1
22.5°	1530.5	1548.4	1577.1	1607.8	1636.5	1679.1	1716.8	1762.3	1802.9	1839.6	1874.3
25°	1392.8	1417.6	1451.3	1493.9	1531.5	1577.1	1631.6	1682.1	1750.4	1807.9	1882.2
27.5°	1244.2	1289.8	1336.4	1380.9	1422.5	1474.1	1530.5	1587.0	1665.2	1757.4	1854.5
30°	1103.6	1141.2	1199.7	1251.2	1299.7	1363.1	1421.6	1484.0	1558.3	1667.2	1777.2
32.5°	956.9	987.7	1033.2	1096.6	1153.1	1227.4	1278.9	1353.2	1439.4	1554.3	1679.1
35°	805.4	848.0	884.6	928.2	970.8	1045.1	1122.4	1204.6	1303.7	1426.5	1563.2
37.5°	671.6	698.4	716.2	760.8	798.4	861.8	952.0	1051.1	1160.0	1284.8	1431.5
40°	560.7	577.5	597.3	627.1	658.8	716.2	799.4	910.4	1024.3	1149.1	1295.7
42.5°	484.4	495.3	497.3	520.1	549.8	606.3	672.6	774.7	900.5	1031.2	1177.9
45°	431.9	431.9	430.9	440.8	464.6	513.1	573.6	664.7	784.6	921.3	1073.8
47.5°	395.3	398.2	397.2	401.2	417.1	452.7	507.2	584.5	693.4	827.2	980.7
50°	367.5	371.5	372.5	373.5	379.4	409.1	455.7	518.1	615.2	743.0	897.5
52.5°	345.7	346.7	346.7	345.7	347.7	364.6	403.2	460.6	550.8	665.7	814.3
55°	333.8	334.8	334.8	334.8	334.8	345.7	373.5	420.0	492.3	600.3	735.0
57.5°	320.0	320.0	322.0	322.0	322.0	325.9	345.7	384.4	439.8	526.0	645.9
60°	308.1	311.1	315.0	316.0	315.0	315.0	324.9	350.7	387.3	449.7	550.8
62.5°	290.3	294.2	299.2	301.2	302.1	300.2	305.1	316.0	337.8	370.5	438.8
63°	287.3	291.2	295.2	297.2	298.2	296.2	300.2	309.1	326.9	353.7	415.1
65°	274.4	279.4	280.3	281.3	280.3	279.4	278.4	278.4	283.3	293.2	325.9
67.5°	256.6	259.5	259.5	261.5	256.6	254.6	252.6	250.6	247.7	248.6	260.5
70°	235.8	237.8	236.8	235.8	233.8	230.8	228.8	225.9	219.9	217.9	223.9
72.5°	212.0	214.0	214.0	214.0	210.0	208.0	206.1	204.1	202.1	204.1	206.1
75°	190.2	190.2	192.2	191.2	188.2	186.2	185.2	184.3	184.3	184.3	183.3
77.5°	169.4	168.4	168.4	165.4	163.5	162.5	164.4	165.4	164.4	162.5	161.5
80°	151.6	146.6	141.7	137.7	136.7	138.7	140.7	146.6	143.6	143.6	141.7
82.5°	128.8	117.9	111.0	111.9	109.0	110.0	111.9	118.9	116.9	117.9	121.8
85°	103.0	93.1	82.2	84.2	84.2	82.2	87.2	89.2	91.1	96.1	92.1
87.5°	72.3	63.4	52.5	45.6	47.6	49.5	51.5	49.5	43.6	45.6	44.6
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
2.5°	1652.4	1653.4	1653.4	1646.4	1644.4	1646.4	1645.4	1645.4	1639.5	1640.5	1638.5
5°	1712.8	1714.8	1708.8	1703.9	1696.9	1696.0	1695.0	1691.0	1687.0	1679.1	1675.2
7.5°	1777.2	1768.3	1766.3	1757.4	1754.4	1746.5	1740.5	1734.6	1729.6	1725.7	1722.7
10°	1817.8	1810.9	1808.9	1793.0	1788.1	1778.2	1772.2	1765.3	1759.4	1753.4	1752.4
12.5°	1854.5	1842.6	1835.6	1813.8	1803.9	1793.0	1788.1	1782.1	1780.2	1779.2	1783.1
15°	1883.2	1866.3	1853.5	1833.7	1825.7	1819.8	1820.8	1817.8	1829.7	1836.6	1849.5
17.5°	1902.0	1895.1	1892.1	1877.2	1882.2	1882.2	1896.1	1903.0	1924.8	1942.6	1960.5
20°	1911.9	1924.8	1949.6	1954.5	1966.4	1979.3	2000.1	2012.0	2034.8	2060.5	2085.3
22.5°	1920.8	1975.3	2025.8	2063.5	2090.2	2119.9	2134.8	2159.6	2175.4	2194.2	2231.9
25°	1970.4	2061.5	2150.7	2199.2	2262.6	2305.2	2338.9	2363.6	2391.4	2407.2	2449.8
27.5°	1956.5	2072.4	2191.3	2280.4	2379.5	2459.7	2531.1	2578.6	2614.3	2671.7	2707.4
30°	1893.1	2027.8	2171.5	2298.3	2436.9	2567.7	2691.5	2802.5	2897.6	2974.9	3027.4
32.5°	1802.9	1957.5	2125.9	2282.4	2459.7	2634.1	2812.4	2981.8	3143.3	3271.1	3351.3
35°	1701.9	1868.3	2054.6	2239.8	2452.8	2680.6	2921.4	3149.2	3383.0	3587.1	3747.6
37.5°	1579.1	1759.4	1963.4	2178.4	2423.1	2696.5	2999.6	3309.7	3607.9	3917.0	4142.8
40°	1450.3	1626.6	1838.6	2084.3	2366.6	2688.6	3060.1	3462.3	3894.2	4292.4	4636.1
42.5°	1340.3	1512.7	1734.6	1977.3	2281.4	2658.9	3100.7	3599.0	4130.9	4647.0	5103.7
45°	1232.3	1416.6	1640.5	1897.1	2228.9	2647.0	3153.2	3717.8	4325.1	4937.3	5519.8
47.5°	1147.1	1329.4	1555.3	1830.7	2186.3	2640.0	3202.7	3828.8	4483.6	5153.3	5843.7
50°	1065.9	1240.3	1460.2	1750.4	2141.7	2629.1	3232.4	3917.0	4607.4	5322.7	6073.6
52.5°	982.7	1164.0	1378.0	1659.3	2083.3	2607.3	3241.3	3986.3	4735.2	5485.1	6288.5
55°	898.5	1079.8	1293.8	1585.0	2004.0	2564.7	3234.4	4036.8	4868.9	5656.5	6484.7
57.5°	795.5	973.8	1197.7	1490.9	1902.0	2479.5	3200.7	4058.6	4952.2	5817.0	6681.8
60°	679.6	848.0	1060.0	1359.1	1777.2	2356.7	3125.4	4027.9	4989.8	5923.0	6890.8
62.5°	533.9	680.6	875.7	1172.9	1595.9	2179.4	2961.0	3892.2	4898.7	5896.2	6981.0
63°	501.3	642.9	844.0	1123.4	1542.4	2118.0	2912.5	3845.6	4858.0	5871.5	6970.1
65°	382.4	487.4	653.8	903.5	1303.7	1834.6	2656.9	3582.1	4602.5	5624.8	6798.7
67.5°	282.3	336.8	438.8	606.3	917.3	1427.5	2177.4	3093.7	4059.6	5020.5	6215.2
70°	233.8	254.6	302.1	388.3	567.6	947.0	1538.4	2354.7	3263.1	4090.3	5169.1
72.5°	209.0	223.9	245.7	284.3	358.6	555.7	1000.5	1528.5	2272.5	2987.7	3899.1
75°	187.2	197.1	215.0	237.8	271.4	347.7	529.0	906.4	1388.9	2013.0	2674.7
77.5°	164.4	174.4	192.2	210.0	231.8	264.5	327.9	516.1	831.1	1174.9	1641.5
80°	142.7	147.6	162.5	188.2	204.1	230.8	251.6	322.9	452.7	615.2	874.7
82.5°	117.9	118.9	128.8	148.6	168.4	178.3	184.3	203.1	260.5	324.9	428.9
85°	84.2	80.2	86.2	94.1	110.0	101.0	108.0	113.9	138.7	167.4	307.1
87.5°	37.6	29.7	34.7	38.6	34.7	23.8	34.7	28.7	35.7	70.3	79.3
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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	0°
2.5°	1640.5	1634.5	1634.5	1633.5	1634.5	1632.6	1628.6	1628.6	1631.6	1630.6	1630.6	2.5°
5°	1675.2	1667.2	1665.2	1664.3	1664.3	1659.3	1653.4	1650.4	1649.4	1645.4	1642.5	5°
7.5°	1720.7	1715.8	1718.7	1712.8	1710.8	1709.8	1701.9	1696.0	1687.0	1683.1	1668.2	7.5°
10°	1758.4	1755.4	1763.3	1762.3	1763.3	1763.3	1752.4	1746.5	1733.6	1726.7	1707.8	10°
12.5°	1791.1	1793.0	1807.9	1807.9	1810.9	1814.8	1808.9	1796.0	1791.1	1784.1	1764.3	12.5°
15°	1874.3	1882.2	1893.1	1910.9	1915.9	1916.9	1921.8	1910.9	1898.0	1880.2	1856.4	15°
17.5°	1987.2	2003.1	2039.7	2065.5	2070.4	2075.4	2072.4	2070.4	2046.6	2031.8	2007.0	17.5°
20°	2128.9	2167.5	2219.0	2254.7	2270.5	2272.5	2292.3	2278.4	2256.7	2226.9	2191.3	20°
22.5°	2287.4	2351.8	2417.1	2469.6	2500.3	2514.2	2535.0	2515.2	2486.5	2468.6	2421.1	22.5°
25°	2504.3	2574.6	2649.9	2691.5	2769.8	2792.6	2804.5	2798.5	2768.8	2781.7	2738.1	25°
27.5°	2801.5	2861.9	2967.9	3020.4	3093.7	3136.3	3127.4	3177.0	3185.9	3216.6	3221.5	27.5°
30°	3125.4	3225.5	3368.1	3474.1	3586.1	3658.4	3715.9	3759.4	3810.0	3895.2	3946.7	30°
32.5°	3475.1	3619.8	3802.0	4026.9	4264.7	4458.8	4677.8	4715.4	4828.3	4795.6	4773.8	32.5°
35°	3864.4	4046.7	4280.5	4575.7	4921.4	5242.4	5453.4	5559.4	5604.0	5628.8	5478.2	35°
37.5°	4385.5	4632.2	4892.7	5214.7	5479.2	5779.3	6022.0	6285.5	6406.4	6348.9	6060.7	37.5°
40°	4963.1	5193.9	5546.5	5810.0	6122.1	6616.4	6945.3	7262.3	7361.4	7170.2	6718.5	40°
42.5°	5542.6	5859.6	6242.0	6616.4	6975.0	7422.8	7858.7	8171.7	8280.7	7953.8	7417.8	42.5°
45°	6058.7	6464.9	6914.6	7299.0	7800.2	8385.7	8919.6	9171.3	9151.4	8626.4	8023.1	45°
47.5°	6508.4	7035.5	7542.7	8060.8	8566.0	9226.7	9755.7	10045.0	9839.9	9288.1	8604.6	47.5°
50°	6879.9	7516.9	8129.1	8724.5	9344.6	10047.0	10557.1	10824.6	10512.6	9814.2	9050.4	50°
52.5°	7162.3	7951.8	8657.1	9322.8	10063.8	10822.6	11276.3	11437.8	10951.4	10221.3	9384.2	52.5°
55°	7428.7	8321.3	9101.9	9857.8	10780.0	11460.6	11885.6	11855.9	11227.8	10398.6	9593.3	55°
57.5°	7629.8	8636.3	9467.5	10328.3	11321.9	12049.0	12294.7	12098.6	11342.7	10451.1	9653.7	57.5°
60°	7883.4	8882.0	9792.4	10753.3	11837.0	12452.2	12484.9	12133.2	11310.0	10352.1	9568.5	60°
62.5°	8045.9	9035.5	9999.4	11044.5	12229.3	12679.1	12445.3	11983.7	11121.8	10107.4	9373.3	62.5°
63°	8061.7	9050.4	10016.3	11073.3	12284.8	12689.0	12408.6	11916.3	11066.3	10040.0	9321.8	63°
65°	7990.4	9007.8	9939.0	11021.7	12298.7	12572.1	12140.2	11639.9	10760.2	9696.3	9018.7	65°
67.5°	7492.1	8550.1	9438.7	10454.1	11763.7	11915.3	11482.4	10938.5	10112.4	8955.3	8356.0	67.5°
70°	6599.6	7605.1	8235.1	9178.2	10330.3	10511.6	10124.2	9703.2	8969.2	8002.3	7505.0	70°
72.5°	5316.7	6304.4	6682.8	7405.0	8320.3	8280.7	8008.3	7955.7	7569.4	6758.1	6458.9	72.5°
75°	3974.4	4914.5	5074.0	5368.2	5879.4	5866.5	5929.9	6155.8	6348.9	5869.5	5486.1	75°
77.5°	2621.2	3556.4	3655.4	3998.2	4139.8	4528.2	4983.9	5551.5	5832.8	5636.7	5166.1	77.5°
80°	1450.3	2433.0	2413.2	2546.9	2797.5	3362.2	4052.7	4895.7	5458.4	5317.7	4802.6	80°
82.5°	753.9	1537.5	1514.7	1538.4	1771.2	2245.8	2770.8	3460.3	4041.8	4054.6	3881.3	82.5°
85°	560.7	1103.6	1168.9	1222.4	1377.0	1542.4	1638.5	1859.4	2178.4	2475.6	2581.6	85°
87.5°	206.1	662.7	825.2	886.6	890.6	869.8	708.3	779.6	709.3	839.1	1171.9	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: P146075

NUMBER: LDRL-SLR-F06-E

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1638.5	1638.5	1638.5	1638.5	1638.5	1638.5	1638.5
1632.6	1632.6	1631.6	1633.5	1634.5	1637.5	1636.5
1639.5	1636.5	1633.5	1631.6	1629.6	1630.6	1628.6
1657.3	1647.4	1639.5	1632.6	1626.6	1625.6	1619.7
1696.9	1679.1	1664.3	1653.4	1641.5	1635.5	1624.6
1747.5	1727.7	1708.8	1693.0	1679.1	1671.2	1663.3
1835.6	1806.9	1784.1	1767.3	1753.4	1744.5	1736.6
1966.4	1930.7	1896.1	1863.4	1859.4	1838.6	1838.6
2146.7	2098.2	2053.6	2025.8	2013.0	1985.2	1985.2
2396.3	2348.8	2282.4	2248.7	2251.7	2227.9	2238.8
2719.3	2679.7	2611.3	2597.4	2597.4	2571.7	2533.0
3203.7	3189.8	3114.5	3133.4	3093.7	2997.6	2893.6
3922.9	3922.9	3777.3	3672.3	3581.1	3431.5	3248.3
4643.1	4549.0	4326.1	4147.8	3958.6	3729.7	3494.0
5251.3	5000.7	4774.8	4556.9	4272.6	4026.9	3696.0
5764.5	5526.7	5268.2	4936.3	4602.5	4259.7	3834.7
6400.5	6111.2	5722.9	5305.8	4895.7	4424.2	3931.8
6982.0	6619.4	6129.0	5601.0	5079.0	4552.9	3978.4
7528.8	7061.2	6455.9	5821.9	5227.6	4632.2	3998.2
8043.9	7416.8	6712.5	5979.4	5329.6	4674.8	3993.2
8383.7	7677.4	6874.0	6074.5	5391.0	4689.6	3979.4
8596.7	7836.9	6969.1	6127.0	5421.7	4692.6	3978.4
8716.6	7927.0	7020.6	6163.7	5455.4	4710.4	4002.1
8809.7	7998.3	7078.1	6226.1	5535.6	4793.7	4098.2
8897.8	8185.6	7227.6	6341.0	5675.3	4949.2	4309.2
8934.5	8541.2	7531.8	6553.0	5870.5	5198.8	4638.1
8931.5	8608.6	7619.9	6611.5	5922.0	5265.2	4722.3
8823.5	8822.5	8021.1	6890.8	6161.7	5572.3	5074.0
8503.6	8929.5	8464.9	7259.3	6534.2	6078.5	5603.0
7997.4	8799.8	8525.4	7356.4	6798.7	6543.1	5955.7
7125.6	8179.6	7959.7	6942.3	6708.5	6634.2	5964.6
5763.5	6575.8	6481.7	5930.9	6017.1	6169.6	5327.6
4643.1	4617.3	4603.5	4403.3	4769.9	5080.0	3960.5
3878.3	3194.8	2966.9	2889.7	3494.0	3731.7	2457.8
3625.7	2869.9	2302.2	2205.1	2618.2	2745.0	1482.0
2770.8	2786.6	2412.2	2067.4	2036.7	1864.4	1085.7
1356.2	1379.0	1457.2	1330.4	1141.2	961.9	341.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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