

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: INVUE

Report Number: P181098

Luminaire Tested: **ICM-E05-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181098
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E05-LED-E1-SLR
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (105) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12941.7 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 127.3
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

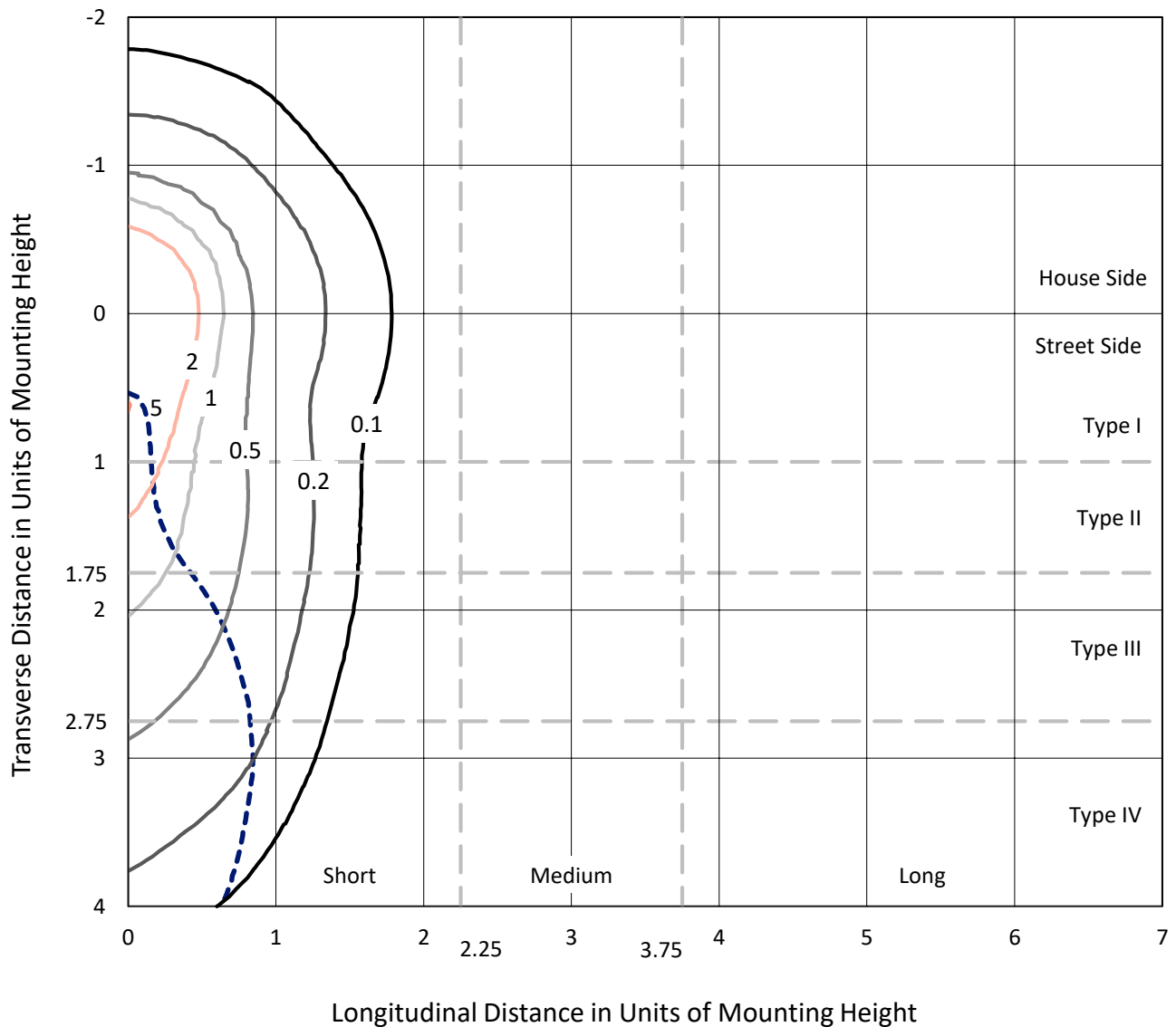


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Iso-Footcandle Lines of Horizontal Illumination

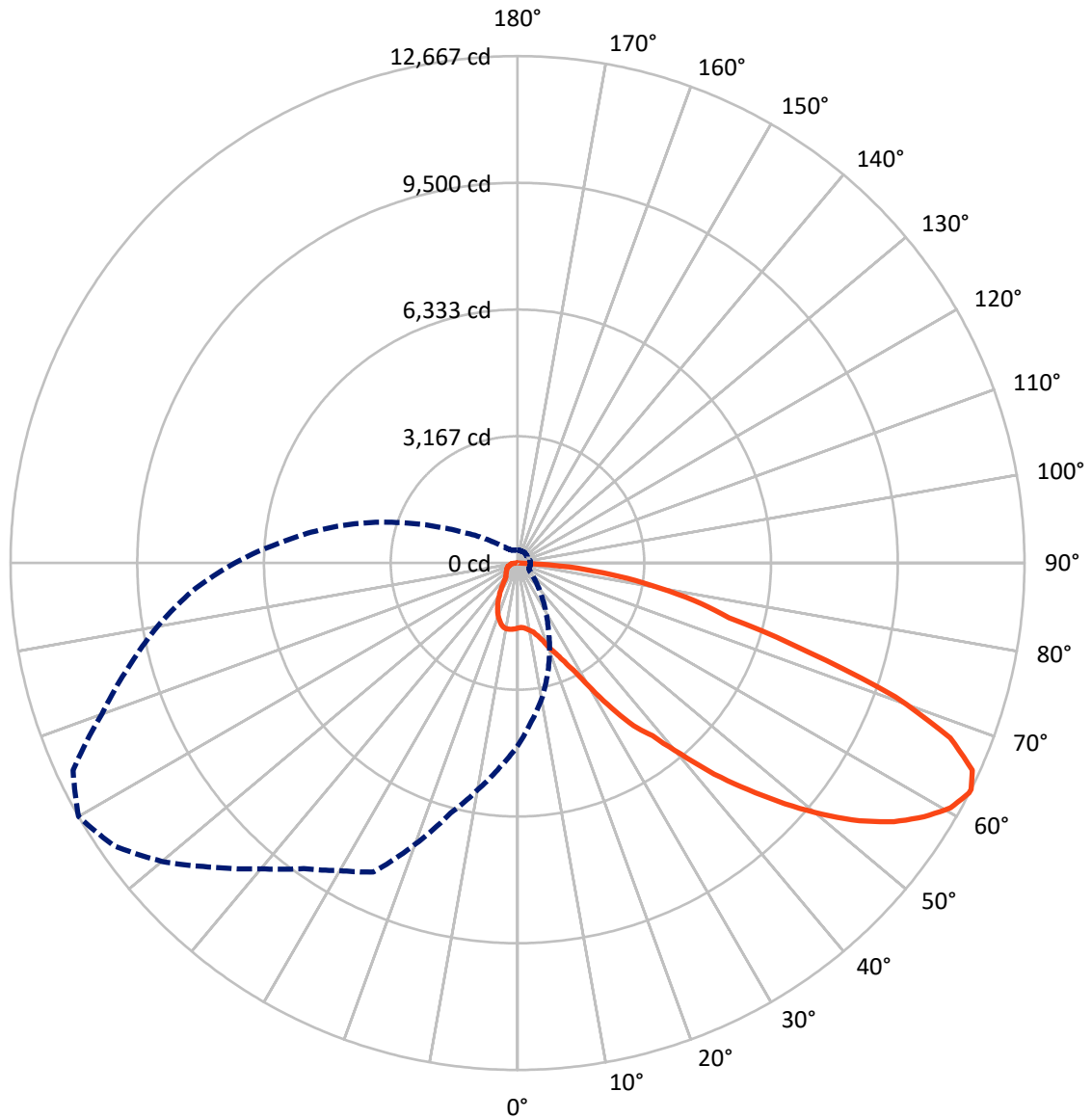
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.1 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	2806.4	0.0	2806.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	10135.4	0.0	10135.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	12941.7	0.0	12941.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.3	1.2
10°-20°	493.1	3.8
20°-30°	876.0	6.8
30°-40°	1379.4	10.7
40°-50°	2030.1	15.7
50°-60°	2696.5	20.8
60°-70°	2970.2	23.0
70°-80°	1863.5	14.4
80°-90°	474.6	3.7
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°	12941.7	100.0
0°-180°	12941.7	100.0



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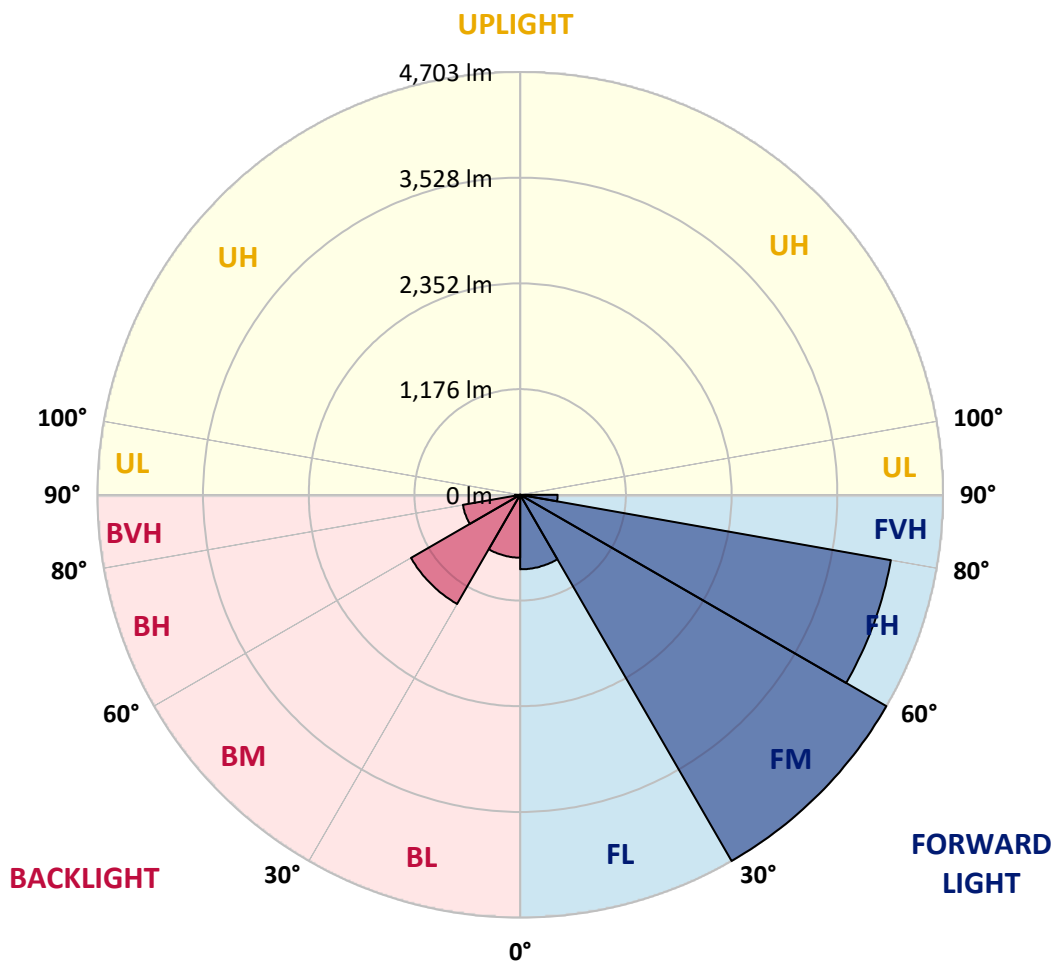
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	828.7	6.4			
FM	(30°-60°)	4703.3	36.3			
FH	(60°-80°)	4186.9	32.4			G2/5000
FVH	(80°-90°)	416.5	3.2			G3/500
BL	(0°-30°)	698.7	5.4	B2/1000		
BM	(30°-60°)	1402.7	10.8	B2/2500		
BH	(60°-80°)	646.9	5.0	B2/1000		G2/1000
BVH	(80°-90°)	58.1	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
2.5°	1604.7	1609.3	1607.7	1607.7	1610.9	1609.3	1609.3	1610.9	1610.9	1615.5	1621.7
5°	1592.3	1590.7	1587.6	1590.7	1590.7	1590.7	1584.5	1589.1	1590.7	1593.8	1593.8
7.5°	1607.7	1603.1	1596.9	1598.4	1598.4	1595.4	1590.7	1592.3	1590.7	1590.7	1589.1
10°	1627.9	1617.0	1609.3	1609.3	1609.3	1606.2	1598.4	1603.1	1603.1	1601.6	1603.1
12.5°	1663.5	1651.2	1641.9	1638.8	1638.8	1634.1	1627.9	1634.1	1631.0	1631.0	1627.9
15°	1722.5	1708.6	1697.7	1688.4	1690.0	1690.0	1682.1	1677.5	1671.4	1663.5	1648.1
17.5°	1810.9	1795.4	1781.4	1773.7	1775.2	1764.4	1742.6	1720.9	1691.5	1662.1	1629.5
20°	1936.5	1931.8	1913.2	1905.4	1886.8	1860.5	1800.0	1748.8	1691.5	1635.6	1579.8
22.5°	2153.5	2131.8	2113.2	2083.7	2021.7	1948.8	1848.1	1758.2	1668.2	1589.1	1514.7
25°	2444.9	2406.2	2314.7	2224.9	2097.7	1967.5	1831.0	1714.7	1603.1	1499.3	1407.7
27.5°	2731.8	2614.0	2451.2	2288.4	2102.3	1931.8	1761.2	1623.3	1493.0	1379.8	1279.1
30°	3079.1	2880.7	2631.0	2373.7	2110.1	1880.7	1676.0	1514.7	1364.4	1244.9	1139.5
32.5°	3404.7	3117.9	2790.7	2452.8	2127.2	1832.6	1578.3	1395.4	1240.3	1090.0	986.1
35°	3627.9	3255.8	2858.9	2460.5	2085.3	1741.1	1455.8	1240.3	1085.3	945.8	823.3
37.5°	3761.2	3316.3	2862.1	2404.7	1987.6	1617.0	1300.8	1086.8	944.2	810.9	714.7
40°	3845.0	3330.3	2821.7	2324.0	1863.5	1460.5	1145.8	953.5	823.3	716.3	641.9
42.5°	3885.3	3308.6	2756.6	2221.7	1738.0	1320.9	1037.2	855.8	742.6	666.7	610.9
45°	3891.5	3269.8	2686.8	2128.7	1626.3	1220.2	962.8	815.5	722.5	658.9	603.1
47.5°	3891.5	3235.6	2631.0	2060.5	1553.5	1176.8	956.6	832.6	741.1	669.8	603.1
50°	3894.6	3224.9	2607.7	2026.3	1528.7	1200.0	1009.3	885.3	781.4	688.4	601.6
52.5°	3908.6	3238.8	2626.3	2052.8	1573.7	1293.0	1108.6	964.4	834.1	710.1	601.6
55°	3939.6	3285.3	2705.4	2144.2	1694.6	1434.1	1227.9	1049.6	876.0	719.4	592.3
57.5°	4026.4	3403.1	2849.6	2320.9	1900.8	1596.9	1336.5	1110.1	891.4	711.6	573.7
60°	4200.0	3637.2	3096.1	2569.0	2119.4	1736.5	1400.0	1119.4	877.5	686.8	544.2
62.5°	4477.5	3905.4	3395.4	2838.8	2313.2	1814.0	1407.7	1096.1	840.3	641.9	500.7
63°	4573.7	3972.1	3458.9	2890.0	2338.0	1820.2	1401.6	1086.8	831.0	629.5	494.6
65°	4841.9	4252.8	3679.1	3069.8	2407.7	1821.7	1367.5	1040.3	787.6	581.4	451.2
67.5°	5342.6	4621.7	3956.6	3210.9	2432.6	1772.1	1280.7	953.5	696.1	507.0	396.9
70°	5658.9	4827.9	4063.6	3214.0	2359.7	1631.0	1130.2	812.4	579.8	420.2	341.1
72.5°	5576.8	4624.9	3781.4	2924.0	2044.9	1362.8	908.6	638.8	452.7	336.5	283.7
75°	4776.8	3849.6	3085.3	2265.1	1545.8	1001.6	665.1	455.8	334.9	263.5	237.2
77.5°	3438.8	2770.5	2212.4	1614.0	1041.9	648.1	441.9	325.6	254.2	217.0	195.4
80°	2190.7	1624.8	1353.5	970.5	609.3	401.6	303.9	246.5	209.3	181.4	167.4
82.5°	1144.2	801.6	651.2	496.1	338.0	265.1	223.3	201.6	172.1	150.4	142.6
85°	713.2	472.8	350.4	244.9	169.0	151.9	139.5	136.5	122.5	108.6	103.9
87.5°	80.7	72.8	76.0	48.1	35.6	38.8	37.2	49.6	48.1	35.6	37.2
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
2.5°	1615.5	1618.6	1618.6	1623.3	1623.3	1626.3	1629.5	1629.5	1632.6	1634.1	1637.2
5°	1596.9	1596.9	1596.9	1603.1	1604.7	1614.0	1617.0	1620.2	1623.3	1634.1	1640.3
7.5°	1592.3	1586.1	1589.1	1589.1	1593.8	1601.6	1609.3	1614.0	1618.6	1632.6	1641.9
10°	1601.6	1596.9	1592.3	1592.3	1593.8	1596.9	1603.1	1607.7	1610.9	1624.8	1632.6
12.5°	1626.3	1615.5	1606.2	1598.4	1592.3	1590.7	1587.6	1589.1	1592.3	1600.0	1610.9
15°	1631.0	1610.9	1590.7	1570.5	1555.1	1545.8	1538.0	1534.9	1534.9	1539.5	1551.9
17.5°	1600.0	1565.9	1536.5	1510.1	1493.0	1476.0	1468.2	1462.1	1458.9	1465.1	1466.7
20°	1533.3	1493.0	1452.8	1421.7	1390.7	1386.1	1373.7	1376.8	1379.8	1389.1	1393.8
22.5°	1441.9	1393.8	1344.2	1311.6	1286.8	1265.1	1251.2	1257.4	1262.1	1271.4	1276.0
25°	1330.2	1260.5	1207.7	1175.2	1148.8	1130.2	1114.7	1120.9	1114.7	1125.6	1142.6
27.5°	1198.4	1116.3	1060.5	1023.3	1004.7	989.1	973.7	973.7	989.1	989.1	1003.1
30°	1038.8	978.3	905.4	866.7	843.4	834.1	832.6	829.5	840.3	846.5	862.1
32.5°	888.4	814.0	744.2	707.0	686.8	676.0	677.5	679.1	683.7	693.0	717.9
35°	736.5	671.4	621.7	579.8	559.7	539.5	539.5	536.5	541.1	551.9	581.4
37.5°	638.8	581.4	542.6	510.0	490.0	477.5	466.7	462.0	462.0	466.7	477.5
40°	584.5	542.6	507.0	479.1	460.5	449.6	443.4	438.8	435.6	435.6	437.2
42.5°	559.7	516.3	480.7	455.8	441.9	435.6	434.1	432.6	427.9	426.3	424.8
45°	547.3	497.7	457.4	437.2	426.3	423.3	424.8	424.8	423.3	420.2	414.0
47.5°	538.0	480.7	440.3	421.7	417.0	417.0	417.0	417.0	415.5	414.0	409.3
50°	522.5	454.2	410.9	396.9	393.8	393.8	395.4	395.4	398.4	395.4	392.3
52.5°	505.4	429.5	386.0	373.7	372.1	370.5	370.5	370.5	372.1	372.1	370.5
55°	486.8	410.9	373.7	364.4	365.9	364.4	362.8	361.2	361.2	359.7	356.6
57.5°	468.2	395.4	364.4	358.1	359.7	359.7	356.6	353.5	351.9	347.3	344.2
60°	440.3	373.7	345.8	342.6	347.3	347.3	347.3	345.8	345.8	344.2	336.5
62.5°	403.1	342.6	320.9	322.5	324.0	327.2	327.2	327.2	327.2	324.0	316.3
63°	395.4	336.5	316.3	316.3	320.9	320.9	322.5	320.9	322.5	319.4	310.0
65°	364.4	316.3	300.7	302.3	305.4	305.4	305.4	303.9	303.9	299.3	294.6
67.5°	328.7	291.4	282.1	283.7	285.3	288.4	286.8	286.8	288.4	285.3	280.7
70°	288.4	265.1	258.9	260.5	262.0	262.0	260.5	260.5	262.0	258.9	254.2
72.5°	257.4	248.1	243.4	243.4	240.3	240.3	237.2	235.6	234.1	234.1	229.5
75°	217.0	215.5	217.0	220.2	217.0	214.0	212.4	207.7	204.7	204.7	203.1
77.5°	186.0	186.0	189.1	193.8	195.4	195.4	190.7	183.0	181.4	181.4	181.4
80°	161.2	158.1	158.1	162.8	167.4	165.9	158.1	150.4	150.4	158.1	159.7
82.5°	141.1	141.1	136.5	138.0	136.5	134.9	127.2	122.5	120.9	127.2	133.3
85°	111.6	113.2	111.6	110.0	108.6	103.9	97.7	93.0	91.4	97.7	107.0
87.5°	44.9	43.4	41.9	43.4	41.9	44.9	43.4	40.3	38.8	43.4	52.7
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°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
2.5°	1638.8	1641.9	1644.9	1644.9	1648.1	1646.5	1648.1	1649.6	1649.6	1651.2	1651.2
5°	1648.1	1652.8	1658.9	1665.1	1666.7	1671.4	1676.0	1672.8	1677.5	1683.7	1683.7
7.5°	1651.2	1662.1	1666.7	1676.0	1677.5	1683.7	1694.6	1686.8	1696.1	1700.8	1702.3
10°	1646.5	1657.4	1665.1	1676.0	1680.7	1691.5	1702.3	1699.3	1710.1	1717.9	1719.4
12.5°	1618.6	1629.5	1646.5	1662.1	1674.4	1691.5	1711.6	1705.4	1720.9	1730.2	1734.9
15°	1564.4	1575.2	1593.8	1618.6	1641.9	1668.2	1694.6	1699.3	1714.7	1725.6	1730.2
17.5°	1479.1	1493.0	1513.2	1539.5	1569.0	1614.0	1648.1	1665.1	1686.8	1693.0	1700.8
20°	1400.0	1414.0	1426.3	1441.9	1463.5	1507.0	1551.9	1586.1	1614.0	1637.2	1643.5
22.5°	1294.6	1307.0	1322.5	1334.9	1350.4	1381.4	1418.6	1457.4	1500.8	1514.7	1530.2
25°	1167.4	1175.2	1196.9	1204.7	1215.5	1241.9	1271.4	1299.3	1341.1	1370.5	1378.3
27.5°	1031.0	1038.8	1058.9	1063.5	1077.5	1102.3	1124.0	1134.9	1173.7	1204.7	1229.5
30°	872.8	893.0	917.9	920.9	936.5	951.9	972.1	983.0	1018.6	1051.2	1082.1
32.5°	736.5	756.6	776.7	789.1	796.9	809.3	829.5	840.3	874.4	903.9	934.9
35°	596.9	621.7	643.4	660.5	666.7	682.1	697.7	708.6	744.2	770.5	792.3
37.5°	491.4	510.0	533.3	550.4	567.4	578.3	596.9	612.4	634.1	648.1	671.4
40°	440.3	449.6	462.0	476.0	490.0	502.3	516.3	528.7	542.6	561.2	576.7
42.5°	423.3	424.8	424.8	429.5	437.2	443.4	455.8	465.1	474.4	488.4	496.1
45°	410.9	409.3	406.2	403.1	404.7	407.7	415.5	421.7	432.6	438.8	440.3
47.5°	404.7	398.4	392.3	387.6	386.0	387.6	393.8	400.0	406.2	410.9	412.4
50°	384.5	379.8	370.5	364.4	361.2	364.4	372.1	375.2	381.4	386.0	387.6
52.5°	364.4	358.1	351.9	345.8	345.8	347.3	353.5	359.7	365.9	367.4	370.5
55°	351.9	342.6	336.5	331.8	328.7	333.3	338.0	345.8	353.5	355.1	358.1
57.5°	339.5	330.2	324.0	319.4	316.3	320.9	325.6	336.5	345.8	345.8	345.8
60°	331.8	324.0	314.7	310.0	305.4	310.0	316.3	327.2	336.5	334.9	333.3
62.5°	310.0	302.3	297.7	297.7	293.0	300.7	307.0	319.4	320.9	317.9	314.7
63°	303.9	297.7	294.6	294.6	291.4	299.3	305.4	316.3	316.3	313.2	310.0
65°	288.4	283.7	280.7	283.7	283.7	291.4	293.0	300.7	299.3	294.6	293.0
67.5°	276.0	272.8	269.8	269.8	269.8	271.4	272.8	276.0	274.4	272.8	274.4
70°	255.8	254.2	251.2	251.2	249.6	249.6	249.6	251.2	251.2	252.7	254.2
72.5°	231.0	227.9	227.9	229.5	226.3	227.9	229.5	227.9	231.0	231.0	232.6
75°	203.1	201.6	204.7	207.7	206.2	206.2	207.7	207.7	209.3	209.3	210.9
77.5°	181.4	183.0	184.5	187.6	189.1	189.1	189.1	187.6	189.1	189.1	190.7
80°	161.2	164.4	167.4	170.5	172.1	172.1	172.1	170.5	170.5	170.5	170.5
82.5°	145.8	150.4	153.5	155.1	155.1	155.1	155.1	155.1	155.1	151.9	148.8
85°	122.5	131.8	131.8	133.3	128.7	125.6	122.5	124.0	125.6	119.3	117.9
87.5°	62.0	62.0	65.1	68.2	69.8	69.8	79.1	74.4	72.8	71.3	68.2
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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CATALOG NUMBER: ICM-E05-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
2.5°	1652.8	1651.2	1654.2	1651.2	1652.8	1654.2	1651.2	1655.8	1658.9	1654.2	1649.6
5°	1686.8	1686.8	1694.6	1697.7	1699.3	1708.6	1703.9	1707.0	1710.1	1708.6	1710.1
7.5°	1708.6	1714.7	1722.5	1730.2	1731.8	1739.5	1738.0	1742.6	1745.8	1753.5	1753.5
10°	1727.2	1734.9	1745.8	1753.5	1761.2	1767.5	1770.5	1779.8	1781.4	1787.6	1787.6
12.5°	1744.2	1753.5	1764.4	1776.8	1784.5	1796.9	1798.4	1812.4	1817.0	1818.6	1814.0
15°	1741.1	1751.9	1764.4	1778.3	1792.3	1807.7	1817.0	1831.0	1838.8	1841.9	1834.2
17.5°	1711.6	1720.9	1736.5	1755.1	1772.1	1792.3	1809.3	1829.5	1841.9	1844.9	1843.5
20°	1654.2	1660.5	1680.7	1705.4	1725.6	1756.6	1781.4	1812.4	1832.6	1848.1	1852.8
22.5°	1541.1	1556.6	1576.8	1604.7	1634.1	1672.8	1708.6	1753.5	1796.9	1834.2	1871.4
25°	1404.7	1432.6	1463.5	1500.8	1536.5	1576.8	1617.0	1668.2	1731.8	1809.3	1897.7
27.5°	1266.7	1314.7	1353.5	1401.6	1443.5	1483.7	1528.7	1584.5	1654.2	1747.3	1860.5
30°	1127.2	1181.4	1223.3	1279.1	1334.9	1389.1	1434.1	1493.0	1561.2	1655.8	1779.8
32.5°	978.3	1032.6	1082.1	1133.3	1195.4	1260.5	1314.7	1387.6	1460.5	1558.1	1683.7
35°	824.8	872.8	914.7	969.0	1037.2	1107.0	1178.3	1262.1	1341.1	1443.5	1576.8
37.5°	691.4	725.6	765.9	814.0	866.7	941.1	1021.7	1120.9	1210.9	1322.5	1458.9
40°	581.4	600.0	623.3	663.5	711.6	784.5	863.5	969.0	1077.5	1200.0	1331.8
42.5°	496.1	505.4	511.6	538.0	576.7	648.1	724.0	826.3	945.8	1079.1	1212.4
45°	440.3	444.9	446.5	460.5	488.4	550.4	629.5	716.3	831.0	961.2	1100.8
47.5°	414.0	418.6	421.7	424.8	441.9	490.0	561.2	643.4	748.8	868.2	1010.9
50°	392.3	396.9	401.6	400.0	407.7	438.8	499.3	575.2	674.4	784.5	925.6
52.5°	370.5	373.7	373.7	373.7	378.3	398.4	441.9	511.6	603.1	707.0	846.5
55°	358.1	361.2	362.8	364.4	365.9	376.7	409.3	465.1	544.2	640.3	765.9
57.5°	345.8	347.3	350.4	351.9	355.1	361.2	381.4	421.7	488.4	569.0	674.4
60°	334.9	338.0	344.2	345.8	348.8	350.4	359.7	384.5	427.9	490.0	575.2
62.5°	317.9	322.5	328.7	330.2	333.3	334.9	336.5	350.4	370.5	407.7	471.4
63°	313.2	317.9	325.6	327.2	328.7	328.7	330.2	339.5	358.1	390.7	437.2
65°	296.1	302.3	307.0	308.6	310.0	310.0	308.6	311.6	313.2	327.2	355.1
67.5°	277.5	282.1	285.3	286.8	285.3	286.8	285.3	282.1	279.1	282.1	294.6
70°	258.9	262.0	262.0	263.5	265.1	266.7	263.5	260.5	257.4	255.8	263.5
72.5°	237.2	240.3	240.3	241.9	241.9	244.9	244.9	243.4	243.4	244.9	246.5
75°	215.5	218.6	217.0	220.2	220.2	224.8	224.8	226.3	229.5	227.9	226.3
77.5°	195.4	196.9	196.9	198.4	200.0	207.7	212.4	214.0	214.0	210.9	207.7
80°	173.7	173.7	170.5	169.0	170.5	178.3	187.6	189.1	193.8	192.3	193.8
82.5°	145.8	139.5	134.9	134.9	138.0	142.6	145.8	148.8	151.9	151.9	155.1
85°	111.6	105.4	100.7	102.3	107.0	108.6	107.0	107.0	113.2	117.9	113.2
87.5°	66.7	60.5	57.4	52.7	54.2	58.9	57.4	52.7	54.2	43.4	40.3
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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 CATALOG NUMBER: ICM-E05-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
2.5°	1652.8	1651.2	1648.1	1643.5	1641.9	1638.8	1640.3	1635.6	1632.6	1629.5	1624.8
5°	1710.1	1710.1	1700.8	1700.8	1696.1	1694.6	1683.7	1679.1	1669.8	1672.8	1662.1
7.5°	1750.4	1755.1	1744.2	1742.6	1736.5	1734.9	1720.9	1716.3	1708.6	1705.4	1696.1
10°	1779.8	1779.8	1765.9	1755.1	1747.3	1739.5	1725.6	1719.4	1713.2	1714.7	1708.6
12.5°	1803.1	1792.3	1772.1	1756.6	1745.8	1738.0	1727.2	1722.5	1720.9	1731.8	1733.3
15°	1821.7	1806.2	1781.4	1770.5	1761.2	1759.7	1759.7	1764.4	1775.2	1795.4	1810.9
17.5°	1832.6	1823.3	1810.9	1807.7	1823.3	1832.6	1844.9	1858.9	1874.4	1902.3	1919.4
20°	1852.8	1858.9	1868.2	1880.7	1905.4	1928.7	1944.2	1964.4	1983.0	2017.0	2044.9
22.5°	1905.4	1941.1	1970.5	1995.4	2032.6	2065.1	2085.3	2113.2	2127.2	2150.4	2193.8
25°	1973.7	2046.5	2108.6	2161.2	2218.6	2252.8	2280.7	2316.3	2338.0	2376.8	2415.5
27.5°	1953.5	2057.4	2150.4	2248.1	2327.2	2415.5	2477.5	2536.5	2573.7	2631.0	2682.2
30°	1891.5	2015.5	2141.1	2269.8	2395.4	2522.5	2640.3	2747.3	2829.5	2911.6	2995.4
32.5°	1807.7	1950.4	2103.9	2262.1	2426.3	2603.1	2765.9	2927.2	3063.6	3183.0	3299.3
35°	1711.6	1872.8	2032.6	2227.9	2431.0	2655.8	2882.2	3105.4	3313.2	3524.0	3666.7
37.5°	1596.9	1761.2	1939.5	2164.4	2403.1	2680.7	2969.0	3260.5	3555.1	3838.8	4085.3
40°	1474.4	1641.9	1829.5	2072.8	2342.6	2665.1	3024.9	3417.0	3821.7	4232.6	4559.7
42.5°	1365.9	1538.0	1742.6	1989.1	2282.2	2644.9	3069.8	3551.9	4046.5	4555.1	5035.7
45°	1260.5	1449.6	1665.1	1930.2	2255.8	2660.5	3136.5	3677.5	4248.1	4865.1	5451.2
47.5°	1165.9	1358.1	1567.5	1857.4	2217.0	2668.2	3201.6	3803.1	4438.8	5107.0	5803.1
50°	1080.7	1266.7	1472.8	1764.4	2156.6	2663.6	3260.5	3916.3	4603.1	5297.7	6074.5
52.5°	996.9	1186.1	1396.9	1674.4	2082.2	2637.2	3288.4	4009.3	4755.1	5490.0	6293.1
55°	914.7	1100.8	1313.2	1589.1	1984.5	2569.0	3285.3	4069.8	4876.0	5671.4	6503.9
57.5°	818.6	995.4	1203.1	1494.6	1880.7	2463.5	3238.8	4097.7	4979.8	5851.2	6756.6
60°	699.3	865.1	1065.1	1356.6	1744.2	2328.7	3141.1	4082.2	5040.3	5984.5	6972.1
62.5°	551.9	696.1	879.1	1164.4	1573.7	2134.9	2958.2	3941.1	4944.2	5965.9	7072.9
63°	520.9	657.4	835.6	1117.9	1500.8	2082.2	2903.9	3885.3	4897.7	5927.2	7058.9
65°	418.6	507.0	649.6	902.3	1255.8	1823.3	2634.2	3598.4	4648.1	5654.3	6857.4
67.5°	320.9	365.9	441.9	618.6	888.4	1434.1	2133.3	3049.6	4034.2	4979.8	6207.8
70°	274.4	294.6	327.2	410.9	564.4	905.4	1497.7	2274.4	3127.2	3947.3	5051.2
72.5°	249.6	258.9	276.0	311.6	387.6	542.6	955.1	1480.7	2127.2	2814.0	3666.7
75°	229.5	237.2	251.2	269.8	297.7	361.2	544.2	905.4	1383.0	1848.1	2474.4
77.5°	209.3	214.0	229.5	246.5	265.1	297.7	359.7	520.9	795.4	1090.0	1491.5
80°	192.3	189.1	200.0	227.9	246.5	265.1	283.7	338.0	452.7	596.9	806.2
82.5°	153.5	156.6	165.9	193.8	201.6	196.9	200.0	209.3	252.7	276.0	412.4
85°	103.9	96.1	94.6	97.7	97.7	93.0	93.0	91.4	100.7	114.7	196.9
87.5°	27.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	0°
2.5°	1621.7	1620.2	1621.7	1614.0	1614.0	1612.4	1610.9	1607.7	1607.7	1601.6	1606.2	2.5°
5°	1652.8	1649.6	1643.5	1634.1	1629.5	1623.3	1623.3	1617.0	1612.4	1606.2	1607.7	5°
7.5°	1688.4	1690.0	1679.1	1671.4	1668.2	1662.1	1663.5	1654.2	1655.8	1651.2	1648.1	7.5°
10°	1708.6	1708.6	1711.6	1710.1	1713.2	1713.2	1717.9	1711.6	1708.6	1703.9	1703.9	10°
12.5°	1741.1	1747.3	1759.7	1759.7	1769.0	1772.1	1773.7	1776.8	1770.5	1767.5	1756.6	12.5°
15°	1821.7	1837.2	1848.1	1863.5	1882.2	1888.4	1888.4	1882.2	1879.1	1874.4	1854.2	15°
17.5°	1955.1	1989.1	1998.4	2023.3	2026.3	2034.2	2055.8	2043.5	2035.6	2003.1	1996.9	17.5°
20°	2091.5	2134.9	2178.3	2209.3	2224.9	2255.8	2260.5	2254.2	2223.3	2192.3	2178.3	20°
22.5°	2255.8	2320.9	2370.5	2418.6	2441.9	2457.4	2491.5	2483.7	2458.9	2412.4	2393.8	22.5°
25°	2488.4	2569.0	2621.7	2680.7	2711.6	2727.2	2761.2	2761.2	2734.9	2720.9	2719.4	25°
27.5°	2781.4	2880.7	2967.5	2987.6	3068.2	3086.8	3119.4	3119.4	3094.6	3077.5	3159.7	27.5°
30°	3107.0	3210.9	3361.2	3462.1	3559.7	3655.8	3654.3	3660.5	3690.0	3705.4	3741.1	30°
32.5°	3432.6	3561.2	3721.0	3939.6	4148.9	4327.2	4558.2	4705.4	4660.5	4534.9	4485.3	32.5°
35°	3827.9	3970.5	4164.4	4384.5	4767.5	4998.4	5110.1	5189.1	5198.5	5215.6	5251.2	35°
37.5°	4268.2	4507.0	4731.8	4981.4	5193.8	5474.5	5733.3	5941.2	5989.2	6086.8	6031.0	37.5°
40°	4824.9	5091.5	5327.2	5649.6	5934.9	6272.9	6643.5	6928.7	7043.5	7006.3	6727.2	40°
42.5°	5407.8	5738.0	6014.0	6393.8	6764.4	7210.9	7593.8	7992.3	8063.6	7776.8	7359.8	42.5°
45°	5944.2	6353.5	6696.1	7091.5	7544.2	8079.1	8590.8	9000.1	8986.1	8494.7	7936.5	45°
47.5°	6426.4	6928.7	7347.3	7862.1	8348.9	8986.1	9573.7	9876.1	9697.7	9116.3	8432.6	47.5°
50°	6824.9	7451.2	7967.5	8488.4	9107.0	9874.5	10440.3	10610.9	10266.8	9634.2	8914.8	50°
52.5°	7145.8	7931.9	8511.7	9111.7	9893.1	10700.8	11187.7	11124.1	10679.1	10029.5	9313.3	52.5°
55°	7417.1	8299.3	8990.8	9699.3	10668.3	11412.4	11736.5	11565.9	10944.3	10285.4	9586.1	55°
57.5°	7697.7	8655.9	9431.0	10252.8	11331.9	11970.6	12150.5	11800.1	11069.8	10383.0	9704.0	57.5°
60°	7978.4	8953.5	9820.2	10736.5	11834.2	12426.4	12376.8	11852.8	11032.6	10311.7	9624.9	60°
62.5°	8167.5	9130.3	10046.6	11034.2	12211.0	12659.0	12355.1	11665.2	10817.1	10031.0	9389.2	62.5°
63°	8172.1	9136.5	10060.5	11054.3	12252.8	12666.8	12313.3	11598.5	10748.9	9973.7	9319.4	63°
65°	8074.5	9020.2	9936.5	10962.9	12217.1	12488.4	11952.0	11204.7	10359.8	9576.8	8956.6	65°
67.5°	7575.2	8539.6	9348.9	10316.3	11578.4	11655.9	10984.5	10381.5	9621.7	8810.9	8162.8	67.5°
70°	6569.1	7370.6	8164.4	8972.1	10031.0	10017.1	9386.1	9079.1	8414.0	7490.0	6970.6	70°
72.5°	5224.9	5944.2	6502.4	7043.5	7741.2	7600.0	7193.8	7279.1	6848.1	6158.2	5849.6	72.5°
75°	3879.1	4669.8	4942.6	5162.8	5457.4	5458.9	5570.5	5812.4	5806.3	5423.3	5034.2	75°
77.5°	2544.2	3409.3	3500.8	3677.5	4031.0	4511.7	5007.8	5541.2	5674.5	5372.1	4797.0	77.5°
80°	1418.6	2317.9	2212.4	2364.4	2745.8	3398.4	4130.3	4719.4	5066.7	4897.7	4288.4	80°
82.5°	725.6	1336.5	1277.5	1488.4	1796.9	2364.4	2848.1	3300.8	3710.1	3686.8	3455.8	82.5°
85°	376.7	731.8	832.6	942.6	1097.7	1300.8	1483.7	1615.5	1786.1	2086.8	2189.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.6	0.0	111.6	80.7	221.7	316.3	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°



IUMBER: P181098

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1626.3	1626.3	1626.3	1626.3	1626.3	1626.3	1626.3
1607.7	1609.3	1606.2	1606.2	1607.7	1607.7	1604.7
1604.7	1604.7	1601.6	1598.4	1595.4	1595.4	1592.3
1640.3	1640.3	1629.5	1624.8	1617.0	1610.9	1607.7
1693.0	1683.7	1671.4	1662.1	1649.6	1635.6	1627.9
1745.8	1731.8	1716.3	1702.3	1686.8	1671.4	1663.5
1832.6	1814.0	1793.8	1776.8	1755.1	1731.8	1722.5
1965.9	1936.5	1910.1	1885.3	1846.5	1829.5	1810.9
2142.6	2099.3	2065.1	2023.3	1975.2	1959.7	1936.5
2356.6	2319.4	2251.2	2220.2	2172.1	2148.9	2153.5
2682.2	2634.2	2555.1	2525.6	2520.9	2469.8	2444.9
3107.0	3110.1	3037.2	2958.2	2914.7	2834.2	2731.8
3711.7	3669.8	3584.5	3503.9	3401.6	3249.6	3079.1
4443.5	4350.4	4209.3	4058.9	3877.5	3643.5	3404.7
5158.2	4995.4	4770.5	4519.4	4257.4	3965.9	3627.9
5786.1	5533.3	5197.0	4908.6	4538.0	4173.7	3761.2
6359.8	6046.5	5612.4	5238.8	4801.6	4333.3	3845.0
6914.7	6517.9	5986.1	5480.7	4986.1	4440.3	3885.3
7443.5	6931.9	6300.8	5699.3	5121.0	4510.1	3891.5
7849.6	7291.5	6583.0	5857.4	5214.0	4562.8	3891.5
8226.4	7595.4	6798.5	5981.4	5300.8	4598.4	3894.6
8519.4	7809.4	6938.0	6069.8	5369.1	4624.9	3908.6
8731.9	7948.9	7031.0	6124.0	5418.6	4662.1	3939.6
8880.7	8040.3	7082.2	6172.1	5479.1	4727.2	4026.4
8952.0	8209.4	7167.5	6268.2	5583.0	4865.1	4200.0
8897.7	8471.4	7410.9	6431.0	5727.2	5080.7	4477.5
8874.5	8519.4	7477.5	6466.7	5759.8	5127.2	4573.7
8693.1	8567.5	7752.0	6646.6	5914.7	5333.3	4841.9
8130.3	8378.4	7983.0	6950.5	6248.1	5834.2	5342.6
7401.6	8097.7	7941.2	6989.2	6460.5	6245.0	5658.9
6528.7	7249.6	7104.0	6472.9	6226.4	6249.6	5576.8
5138.0	5679.1	5583.0	5361.2	5410.9	5581.4	4776.8
4116.3	4043.5	3821.7	3837.2	4124.0	4324.0	3438.8
3362.8	2722.5	2434.2	2441.9	2942.6	3150.4	2190.7
3200.0	2575.2	2097.7	1832.6	2141.1	2062.1	1144.2
2279.1	2283.7	1894.6	1539.5	1491.5	1268.2	713.2
539.5	432.6	308.6	229.5	241.9	159.7	80.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)