

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: P180997

Luminaire Tested: **ICM-E05-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180997
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-SLL-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (105) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11820.3 lumens
Efficiency: N/A
Efficacy: 92.9 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

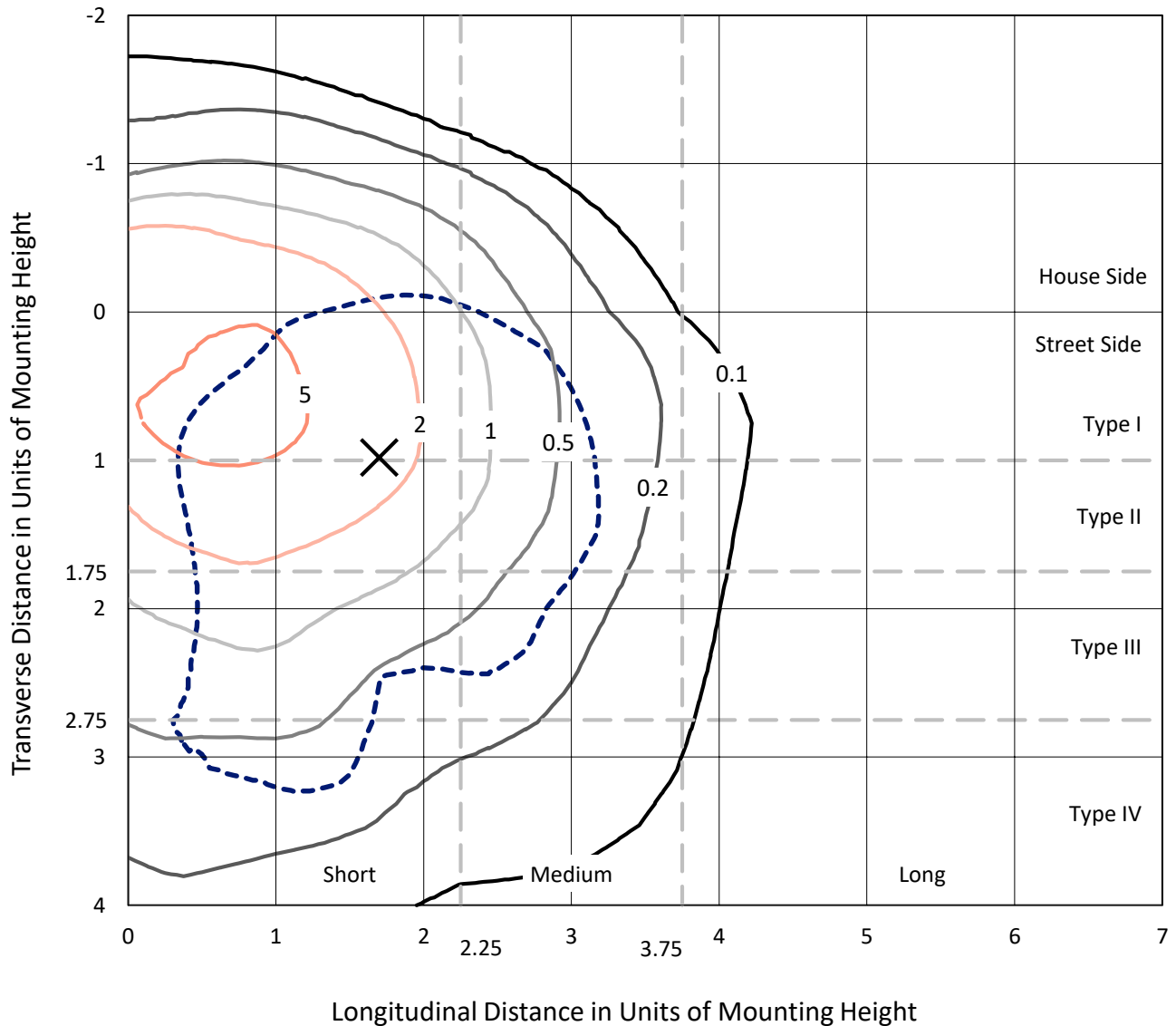
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

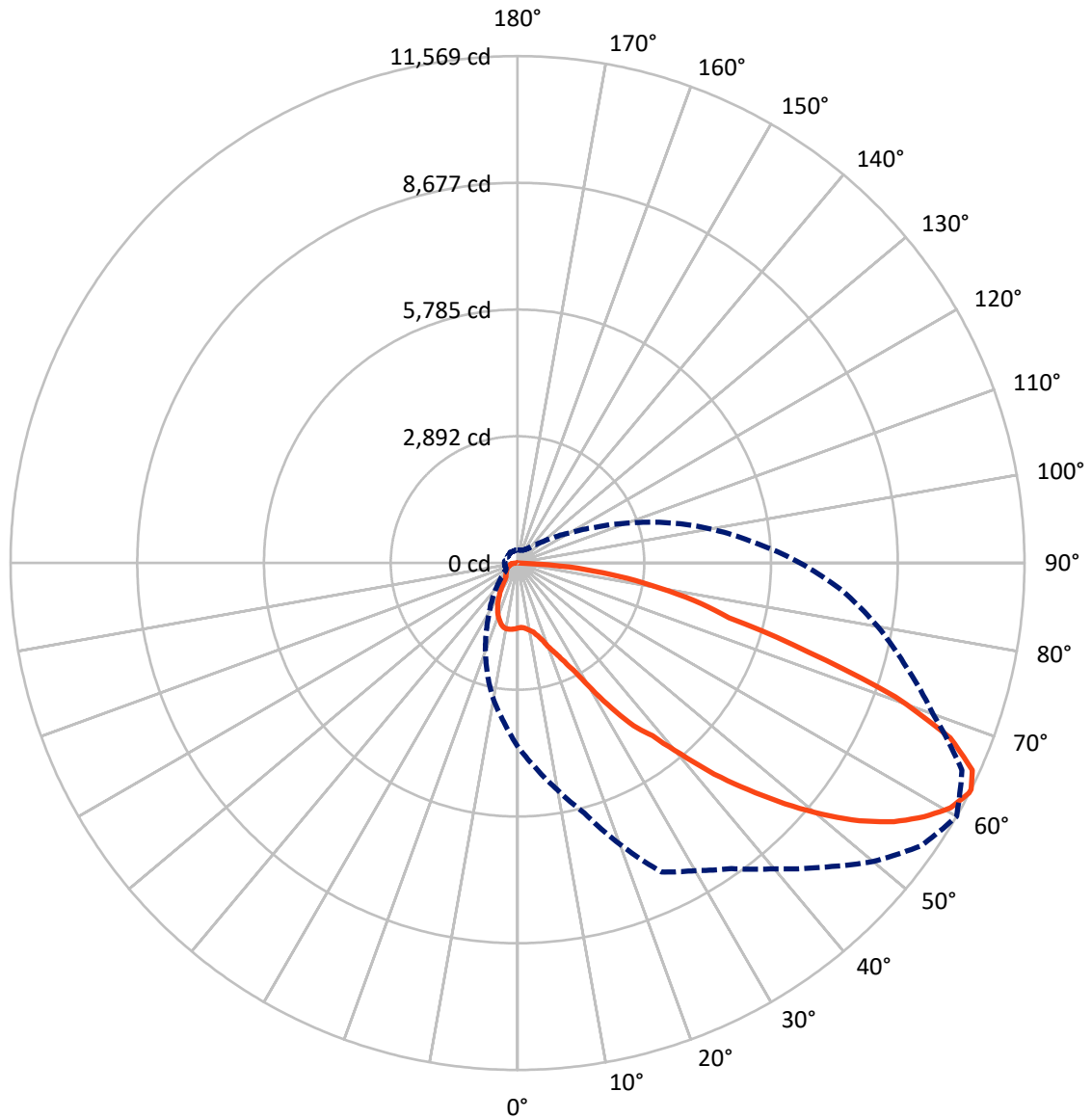
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2563.2	0.0	2563.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9257.1	0.0	9257.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	11820.3	0.0	11820.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.6	1.2
10°-20°	450.3	3.8
20°-30°	800.1	6.8
30°-40°	1259.9	10.7
40°-50°	1854.2	15.7
50°-60°	2462.9	20.8
60°-70°	2712.9	23.0
70°-80°	1702.0	14.4
80°-90°	433.5	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°	11820.3	100.0
0°-180°	11820.3	100.0



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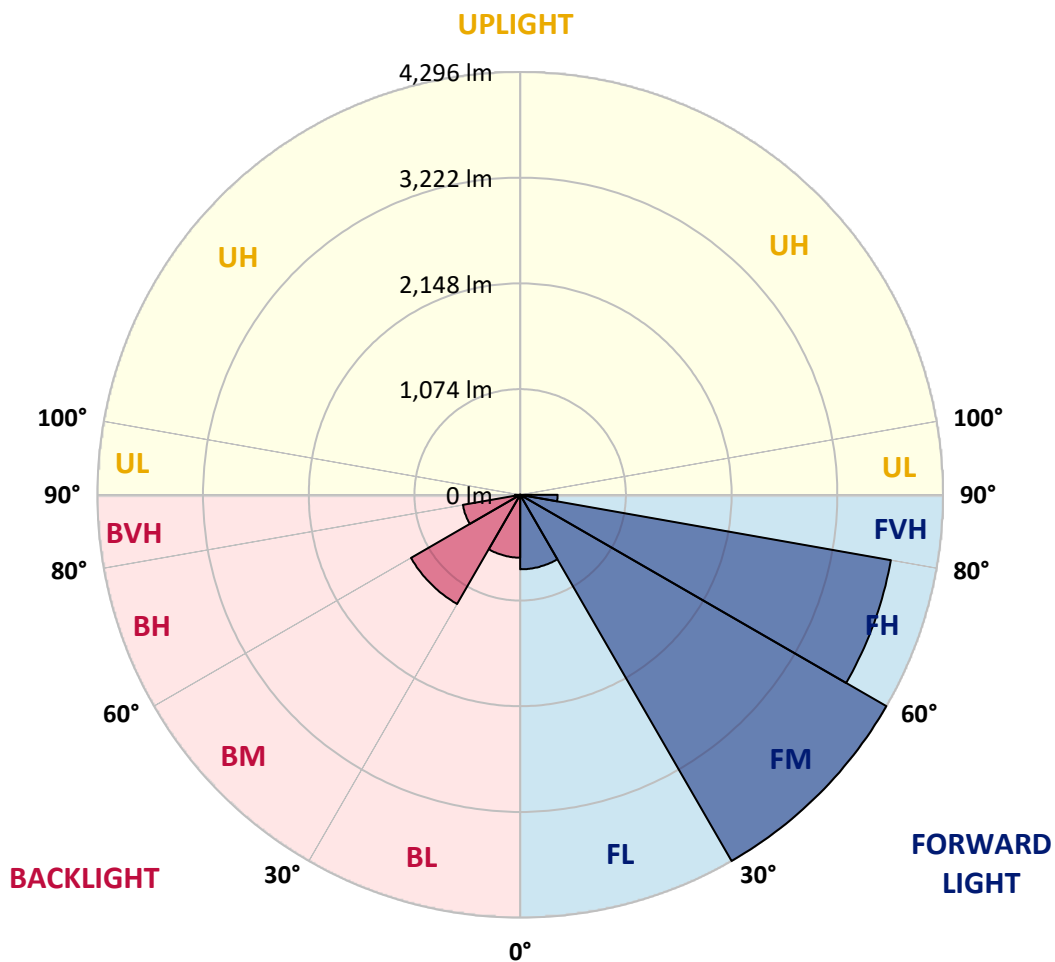
CATALOG NUMBER: ICM-E05-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	756.9	6.4			
FM (30°-60°)	4295.8	36.3			
FH (60°-80°)	3824.1	32.4			G2/5000
FVH (80°-90°)	380.4	3.2			G3/500
BL (0°-30°)	638.1	5.4	B2/1000		
BM (30°-60°)	1281.1	10.8	B2/2500		
BH (60°-80°)	590.8	5.0	B2/1000		G2/1000
BVH (80°-90°)	53.1	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°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1465.6	1468.5	1468.5	1467.1	1467.1	1469.9	1468.5	1467.1	1462.8	1468.5	1468.5
5°	1454.3	1457.1	1457.1	1459.9	1462.8	1465.6	1465.6	1468.5	1467.1	1472.7	1476.9
7.5°	1468.5	1471.3	1476.9	1484.0	1488.3	1498.1	1498.1	1505.3	1508.1	1512.4	1510.9
10°	1486.9	1494.0	1506.7	1518.1	1526.5	1537.9	1546.3	1556.3	1556.3	1560.5	1563.4
12.5°	1519.5	1526.5	1540.7	1554.8	1567.5	1581.8	1594.5	1604.4	1614.3	1617.1	1622.8
15°	1573.2	1581.8	1603.0	1622.8	1638.3	1656.8	1673.8	1693.6	1712.0	1716.3	1719.1
17.5°	1654.0	1671.0	1686.5	1722.0	1744.6	1768.7	1795.5	1823.9	1829.5	1859.3	1866.3
20°	1768.7	1789.9	1804.0	1847.9	1886.2	1917.3	1957.0	1989.6	2002.3	2030.6	2059.0
22.5°	1966.9	1962.6	1983.9	2027.8	2056.1	2118.4	2152.4	2186.4	2203.4	2245.9	2268.5
25°	2233.1	2255.7	2302.5	2306.7	2333.7	2405.9	2449.8	2483.7	2485.1	2497.9	2522.0
27.5°	2495.1	2588.6	2662.2	2701.9	2774.1	2840.6	2837.8	2885.9	2810.9	2826.4	2849.1
30°	2812.3	2968.0	3106.8	3200.3	3273.9	3351.8	3390.1	3417.0	3384.4	3370.3	3343.3
32.5°	3109.7	3327.7	3541.5	3707.3	3844.6	3973.4	4058.4	4096.7	4142.0	4256.7	4297.7
35°	3313.6	3622.3	3888.5	4127.8	4357.2	4562.5	4711.2	4796.2	4763.7	4748.0	4739.6
37.5°	3435.4	3812.0	4144.8	4483.2	4746.6	5053.9	5284.7	5508.5	5559.5	5470.3	5426.4
40°	3511.8	3957.9	4385.5	4784.9	5126.1	5522.6	5808.7	6144.2	6399.2	6433.2	6328.3
42.5°	3548.7	4055.6	4554.1	5005.8	5467.4	5953.1	6315.6	6722.0	7102.9	7364.9	7299.8
45°	3554.3	4119.3	4677.2	5205.4	5754.8	6331.2	6798.5	7248.8	7758.6	8207.5	8220.2
47.5°	3554.3	4167.5	4762.2	5349.9	6012.6	6659.7	7169.5	7701.9	8326.4	8857.4	9020.2
50°	3557.1	4200.0	4841.5	5463.1	6209.4	6937.3	7513.6	8142.3	8799.4	9377.1	9691.5
52.5°	3569.9	4224.1	4903.8	5543.8	6336.9	7132.7	7781.3	8506.3	9160.4	9753.8	10160.2
55°	3598.2	4258.1	4949.1	5593.4	6421.8	7260.1	7975.2	8755.5	9394.1	9996.0	10563.8
57.5°	3677.5	4317.5	5004.3	5637.3	6468.5	7343.7	8111.2	8863.1	9483.3	10110.7	10777.6
60°	3836.1	4443.6	5099.2	5725.2	6546.5	7498.0	8176.3	8790.8	9418.2	10076.6	10825.7
62.5°	4089.6	4640.4	5230.9	5873.8	6768.8	7737.3	8126.7	8575.6	9161.9	9879.8	10654.4
63°	4177.3	4682.9	5260.7	5906.4	6829.6	7781.3	8105.5	8511.9	9109.5	9817.5	10593.6
65°	4422.4	4871.2	5402.3	6070.6	7080.3	7825.2	7939.9	8180.5	8746.9	9462.1	10233.8
67.5°	4879.8	5328.6	5706.7	6348.1	7291.3	7652.3	7425.8	7455.5	8047.4	8788.1	9481.9
70°	5168.6	5703.8	5900.7	6383.6	7253.1	7396.0	6760.2	6366.6	6841.0	7685.0	8292.4
72.5°	5093.5	5708.1	5686.9	5912.0	6488.4	6621.4	5963.0	5342.8	5624.6	6254.7	6648.4
75°	4362.9	5097.8	4942.1	4896.7	5099.2	5187.0	4692.8	4597.9	4953.3	5303.1	5308.8
77.5°	3140.9	3949.4	3766.7	3504.8	3490.5	3693.0	3759.7	4381.2	4906.6	5182.7	5061.0
80°	2000.8	2877.4	2687.6	2230.2	2223.2	2486.6	3071.5	3916.8	4473.3	4627.7	4310.4
82.5°	1045.0	1883.4	1955.5	1673.8	1915.9	2352.1	2922.7	3156.4	3367.4	3388.6	3014.8
85°	651.4	1158.3	1362.2	1406.1	1730.4	2085.9	2081.6	1999.5	1906.0	1631.3	1475.5
87.5°	73.7	145.9	220.9	209.6	281.8	395.1	492.7	288.8	202.5	73.7	102.0
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1471.3	1472.7	1474.1	1474.1	1481.2	1479.8	1481.2	1484.0	1488.3	1491.1	1494.0
5°	1482.6	1482.6	1488.3	1492.6	1501.0	1506.7	1509.5	1518.1	1527.9	1525.1	1533.6
7.5°	1519.5	1518.1	1523.6	1526.5	1533.6	1543.5	1542.1	1549.1	1557.7	1560.5	1567.5
10°	1569.0	1564.8	1564.8	1561.9	1563.4	1560.5	1560.5	1560.5	1566.1	1564.8	1570.4
12.5°	1620.0	1618.5	1615.7	1607.3	1607.3	1595.9	1590.2	1583.2	1581.8	1571.8	1573.2
15°	1724.8	1724.8	1719.1	1702.1	1687.9	1678.1	1663.8	1654.0	1639.8	1621.4	1611.5
17.5°	1877.7	1857.9	1850.8	1847.9	1825.3	1816.8	1785.7	1753.0	1737.5	1712.0	1697.9
20°	2064.6	2060.4	2032.0	2017.9	1989.6	1949.9	1910.2	1867.7	1842.2	1811.2	1794.2
22.5°	2275.6	2244.5	2230.2	2209.0	2165.1	2119.8	2060.4	2003.7	1964.1	1942.8	1930.1
25°	2522.0	2490.8	2476.7	2448.4	2394.5	2346.4	2272.8	2206.2	2170.8	2135.5	2115.5
27.5°	2849.1	2819.4	2802.3	2728.8	2710.3	2631.0	2540.4	2449.8	2403.1	2350.6	2316.7
30°	3337.6	3339.1	3251.3	3162.1	3070.0	2932.7	2837.8	2735.8	2659.4	2584.3	2509.2
32.5°	4163.2	3952.2	3789.3	3598.2	3398.5	3252.7	3135.2	3013.3	2907.2	2798.2	2673.5
35°	4667.3	4565.3	4354.4	4004.6	3803.6	3626.5	3496.2	3349.0	3218.7	3026.1	2836.4
37.5°	5236.6	5000.1	4743.7	4549.8	4321.8	4116.5	3898.4	3731.3	3506.2	3247.0	2978.0
40°	6067.8	5729.3	5420.7	5160.1	4865.6	4650.4	4406.7	4164.6	3865.8	3490.5	3120.9
42.5°	6935.9	6586.1	6178.3	5839.8	5492.9	5240.8	4939.2	4599.4	4160.4	3695.9	3244.2
45°	7846.4	7379.0	6890.6	6477.1	6115.9	5803.0	5429.1	4978.8	4443.6	3880.0	3358.9
47.5°	8744.1	8207.5	7625.4	7180.8	6710.6	6328.3	5869.5	5300.3	4664.5	4054.2	3473.6
50°	9535.7	9018.8	8317.9	7752.9	7277.1	6805.5	6233.4	5548.1	4838.6	4204.3	3577.0
52.5°	10218.3	9773.6	9035.9	8322.2	7774.2	7244.5	6526.6	5747.8	5014.3	4343.0	3661.9
55°	10719.5	10423.6	9743.9	8858.8	8211.7	7580.1	6774.4	5940.3	5179.9	4453.5	3717.1
57.5°	11097.6	10933.4	10349.9	9364.3	8613.9	7905.8	7030.7	6171.2	5344.2	4548.4	3742.6
60°	11304.3	11349.7	10808.7	9806.2	8969.3	8177.7	7287.0	6368.0	5466.0	4603.6	3728.5
62.5°	11284.5	11562.1	11152.8	10078.1	9176.1	8339.1	7459.8	6460.0	5449.0	4515.8	3599.6
63°	11246.3	11569.2	11191.0	10096.4	9188.8	8344.8	7464.0	6447.3	5413.6	4473.3	3548.7
65°	10916.3	11406.3	11158.5	10012.9	9075.5	8238.7	7374.8	6263.2	5164.3	4245.3	3286.6
67.5°	10032.7	10645.9	10575.1	9422.5	8538.8	7799.7	6918.8	5669.9	4548.4	3684.6	2785.4
70°	8572.8	9149.2	9161.9	8194.7	7457.0	6731.9	5999.9	4613.5	3605.2	2856.2	2077.3
72.5°	6570.5	6941.5	7070.4	6433.2	5938.9	5429.1	4772.1	3349.0	2570.2	1942.8	1352.3
75°	5087.8	4985.9	4984.5	4715.5	4514.4	4265.1	3543.0	2260.0	1687.9	1263.1	827.0
77.5°	4573.9	4120.7	3681.8	3358.9	3197.4	3113.9	2323.7	1362.2	995.4	726.4	475.8
80°	3772.4	3104.0	2507.8	2159.5	2020.8	2117.0	1295.7	736.4	545.2	413.5	308.7
82.5°	2601.3	2159.5	1641.2	1359.5	1166.8	1220.7	662.7	376.7	252.1	230.8	191.2
85°	1355.2	1188.1	1002.6	860.9	760.4	668.4	344.1	179.8	104.7	92.0	83.5
87.5°	0.0	1.4	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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1498.1	1496.8	1499.6	1501.0	1505.3	1508.1	1509.5	1506.7	1510.9	1515.2	1512.4
5°	1537.9	1547.7	1549.1	1553.4	1553.4	1561.9	1561.9	1561.9	1560.5	1561.9	1559.1
7.5°	1571.8	1584.6	1586.0	1591.6	1593.0	1603.0	1598.7	1601.6	1601.6	1594.5	1591.6
10°	1576.1	1588.8	1595.9	1603.0	1612.8	1625.6	1625.6	1632.8	1632.8	1627.1	1625.6
12.5°	1577.5	1587.4	1594.5	1604.4	1618.5	1636.9	1646.9	1656.8	1661.0	1659.6	1655.4
15°	1607.3	1607.3	1608.7	1617.1	1627.1	1649.7	1663.8	1675.2	1682.2	1679.5	1672.4
17.5°	1685.1	1673.8	1665.3	1651.1	1654.0	1665.3	1673.8	1683.7	1685.1	1682.2	1671.0
20°	1775.7	1761.6	1740.3	1717.7	1706.3	1697.9	1692.2	1692.2	1687.9	1673.8	1655.4
22.5°	1904.6	1886.2	1856.5	1822.4	1799.8	1772.9	1740.3	1709.2	1675.2	1641.2	1601.6
25°	2083.0	2057.5	2026.3	1974.0	1925.9	1869.2	1802.6	1733.2	1652.6	1581.8	1523.6
27.5°	2262.9	2206.2	2125.5	2053.3	1964.1	1879.1	1784.2	1699.3	1595.9	1510.9	1447.2
30°	2411.5	2303.9	2187.8	2073.1	1955.5	1840.8	1727.5	1625.6	1512.4	1426.0	1363.6
32.5°	2526.2	2377.6	2216.1	2066.1	1921.6	1781.4	1651.1	1537.9	1423.2	1334.0	1267.4
35°	2632.5	2425.7	2220.4	2034.9	1856.5	1710.6	1563.4	1440.1	1318.3	1224.8	1152.7
37.5°	2711.7	2448.4	2194.9	1976.8	1771.5	1608.7	1458.5	1332.5	1207.9	1106.0	1023.8
40°	2762.7	2434.2	2139.6	1893.2	1671.0	1499.6	1346.7	1216.4	1096.0	984.2	885.0
42.5°	2803.8	2415.8	2084.5	1816.8	1591.6	1404.8	1247.5	1107.4	985.6	863.8	754.8
45°	2864.7	2430.0	2060.4	1763.0	1520.8	1324.0	1151.3	1005.4	878.0	759.0	654.2
47.5°	2924.1	2437.0	2024.9	1696.5	1431.6	1240.5	1064.8	923.3	793.0	683.9	587.6
50°	2978.0	2432.8	1969.8	1611.5	1345.2	1156.9	987.0	845.4	716.6	616.0	525.4
52.5°	3003.5	2408.7	1901.8	1529.3	1275.8	1083.3	910.5	773.1	645.7	550.9	467.3
55°	3000.6	2346.4	1812.6	1451.5	1199.4	1005.4	835.4	699.5	584.8	497.0	424.8
57.5°	2958.2	2250.2	1717.7	1365.0	1098.9	909.1	747.6	616.0	519.7	446.0	385.2
60°	2868.9	2126.9	1593.0	1239.1	972.8	790.1	638.6	525.4	447.4	390.8	351.2
62.5°	2701.9	1949.9	1437.3	1063.4	802.9	635.8	504.1	430.5	372.5	338.4	320.0
63°	2652.3	1901.8	1370.7	1020.9	763.3	600.4	475.8	399.4	356.8	327.1	310.1
65°	2405.9	1665.3	1147.0	824.1	593.3	463.1	382.3	324.3	298.8	286.0	284.7
67.5°	1948.5	1309.9	811.4	565.0	403.5	334.2	293.1	269.0	257.7	254.9	257.7
70°	1367.9	827.0	515.4	375.3	298.8	269.0	250.6	240.7	233.7	235.1	237.9
72.5°	872.3	495.6	354.0	284.7	252.1	236.5	228.0	225.1	223.7	222.3	222.3
75°	497.0	330.0	271.9	246.4	229.4	216.7	209.6	206.7	208.2	209.6	206.7
77.5°	328.6	271.9	242.1	225.1	209.6	195.4	191.2	189.8	192.6	195.4	195.4
80°	259.2	242.1	225.1	208.2	182.7	172.7	175.6	177.0	175.6	177.0	172.7
82.5°	182.7	179.8	184.1	177.0	151.5	143.0	140.2	141.6	138.8	138.8	135.9
85°	84.9	84.9	89.2	89.2	86.4	87.8	94.9	103.3	107.6	103.3	97.7
87.5°	0.0	0.0	0.0	0.0	0.0	12.7	25.5	36.8	39.6	49.6	48.2
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: P180997

CATALOG NUMBER: ICM-E05-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1508.1	1510.9	1509.5	1508.1	1510.9	1508.1	1509.5	1508.1	1508.1	1506.7	1506.7
5°	1556.3	1560.5	1552.0	1550.6	1547.7	1540.7	1540.7	1537.9	1537.9	1532.2	1527.9
7.5°	1587.4	1588.8	1581.8	1580.3	1573.2	1566.1	1560.5	1554.8	1553.4	1549.1	1540.7
10°	1617.1	1614.3	1608.7	1601.6	1594.5	1584.6	1577.5	1570.4	1569.0	1561.9	1552.0
12.5°	1642.6	1641.2	1629.9	1622.8	1611.5	1601.6	1593.0	1584.6	1580.3	1571.8	1557.7
15°	1659.6	1651.1	1636.9	1624.2	1611.5	1600.1	1590.2	1580.3	1576.1	1566.1	1552.0
17.5°	1652.6	1636.9	1618.5	1603.0	1586.0	1571.8	1563.4	1553.4	1546.3	1540.7	1520.8
20°	1627.1	1604.4	1576.1	1557.7	1535.0	1516.6	1510.9	1501.0	1495.4	1474.1	1448.7
22.5°	1560.5	1527.9	1492.6	1465.6	1440.1	1421.7	1407.5	1397.7	1383.5	1370.7	1331.1
25°	1476.9	1440.1	1403.4	1370.7	1336.8	1308.5	1283.0	1258.9	1251.8	1224.8	1186.6
27.5°	1396.2	1355.2	1318.3	1280.1	1236.2	1200.8	1156.9	1122.9	1100.3	1071.9	1036.6
30°	1309.9	1268.8	1219.3	1168.3	1117.3	1079.1	1029.5	988.4	960.1	930.3	897.8
32.5°	1200.8	1151.3	1091.8	1035.2	988.4	943.1	893.5	853.9	825.6	798.6	767.5
35°	1076.2	1011.1	947.4	885.0	835.4	797.2	753.3	723.6	703.8	679.7	647.2
37.5°	933.2	859.5	791.5	743.4	699.5	662.7	631.5	613.1	591.9	579.2	559.4
40°	788.7	716.6	650.0	606.1	569.2	548.0	531.0	526.8	512.7	495.6	482.9
42.5°	661.3	591.9	526.8	491.4	467.3	461.7	453.1	453.1	446.0	433.3	424.8
45°	574.9	502.7	446.0	420.6	407.8	406.4	402.1	402.1	400.7	395.1	385.2
47.5°	512.7	447.4	403.5	388.0	385.2	382.3	378.0	376.7	375.3	371.0	365.3
50°	456.0	400.7	372.5	365.3	366.8	362.5	358.2	354.0	352.6	348.4	342.7
52.5°	403.5	363.9	345.5	341.3	341.3	341.3	338.4	338.4	335.6	334.2	328.6
55°	373.9	344.1	334.2	332.7	331.4	330.0	327.1	327.1	324.3	322.9	315.8
57.5°	348.4	330.0	324.3	321.5	320.0	317.2	315.8	315.8	315.8	315.8	307.3
60°	328.6	320.0	318.6	315.8	314.3	308.7	305.9	304.5	305.9	307.3	298.8
62.5°	307.3	305.9	304.5	301.6	300.2	294.5	290.3	287.4	290.3	293.1	291.7
63°	301.6	300.2	300.2	298.8	297.4	290.3	286.0	283.3	286.0	288.8	288.8
65°	281.8	283.3	283.3	281.8	280.4	276.1	270.4	267.6	269.0	273.3	274.7
67.5°	260.6	262.0	260.6	262.0	260.6	257.7	253.5	250.6	249.2	250.6	252.1
70°	240.7	243.5	242.1	240.7	239.4	239.4	236.5	232.2	230.8	229.4	229.4
72.5°	223.7	223.7	220.9	220.9	219.4	219.4	216.7	212.4	211.0	211.0	208.2
75°	205.3	205.3	201.1	201.1	198.2	199.6	196.8	192.6	191.2	191.2	189.8
77.5°	194.0	189.8	182.7	181.2	179.8	179.8	178.4	174.1	172.7	172.7	171.3
80°	171.3	162.9	155.7	154.3	155.7	158.6	158.6	155.7	155.7	155.7	155.7
82.5°	133.1	130.2	126.0	123.2	123.2	127.4	133.1	135.9	138.8	141.6	141.6
85°	97.7	99.2	97.7	93.5	92.0	96.3	102.0	107.6	109.0	114.7	113.3
87.5°	52.4	53.8	49.6	48.2	52.4	55.3	60.9	62.3	65.1	66.5	68.0
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: ICM-E05-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1505.3	1503.8	1505.3	1502.4	1502.4	1499.6	1496.8	1495.4	1492.6	1491.1	1488.3
5°	1530.8	1526.5	1522.2	1520.8	1515.2	1509.5	1505.3	1498.1	1492.6	1482.6	1479.8
7.5°	1547.7	1537.9	1532.2	1530.8	1522.2	1518.1	1508.1	1499.6	1491.1	1478.3	1474.1
10°	1554.8	1544.9	1535.0	1530.8	1520.8	1513.8	1503.8	1491.1	1484.0	1471.3	1468.5
12.5°	1563.4	1544.9	1529.3	1518.1	1503.8	1488.3	1478.3	1471.3	1461.4	1454.3	1451.5
15°	1547.7	1523.6	1499.6	1478.3	1455.7	1438.7	1428.8	1417.5	1406.1	1401.9	1401.9
17.5°	1505.3	1474.1	1433.0	1406.1	1382.1	1363.6	1350.9	1339.5	1338.1	1332.5	1335.4
20°	1417.5	1376.4	1336.8	1316.9	1302.8	1291.4	1278.7	1273.0	1268.8	1260.3	1257.5
22.5°	1295.7	1261.7	1233.4	1219.3	1207.9	1193.8	1182.4	1165.4	1161.1	1152.7	1148.4
25°	1161.1	1134.2	1110.1	1100.3	1093.2	1073.4	1066.3	1043.6	1028.1	1018.1	1023.8
27.5°	1026.6	1006.8	984.2	971.4	967.2	948.7	941.7	916.2	903.4	903.4	889.3
30°	887.9	869.5	855.3	841.1	838.3	815.6	797.2	787.4	773.1	767.5	757.6
32.5°	757.6	739.2	727.8	720.7	709.4	691.1	672.7	655.6	632.9	624.5	620.2
35°	637.2	623.1	608.9	603.3	587.6	567.8	545.2	531.0	504.1	494.2	490.0
37.5°	545.2	528.2	518.2	502.7	487.2	465.9	448.9	436.2	426.2	422.0	422.0
40°	471.5	458.8	447.4	434.7	422.0	410.7	402.1	399.4	398.0	398.0	400.7
42.5°	416.3	405.0	399.4	392.3	388.0	388.0	386.6	388.0	389.4	390.8	395.1
45°	379.5	372.5	369.6	368.2	371.0	373.9	375.3	378.0	383.7	386.6	388.0
47.5°	359.7	354.0	352.6	354.0	358.2	363.9	369.6	373.9	378.0	379.5	380.9
50°	339.8	332.7	330.0	332.7	338.4	347.0	351.2	358.2	361.1	363.9	361.1
52.5°	322.9	317.2	315.8	315.8	321.5	327.1	332.7	338.4	339.8	339.8	338.4
55°	308.7	304.5	300.2	303.1	307.3	312.9	321.5	325.7	328.6	330.0	330.0
57.5°	297.4	293.1	288.8	291.7	296.0	301.6	310.1	314.3	317.2	321.5	322.9
60°	288.8	283.3	279.0	283.3	287.4	296.0	303.1	307.3	314.3	315.8	315.8
62.5°	280.4	274.7	267.6	271.9	271.9	276.1	283.3	288.8	296.0	298.8	298.8
63°	279.0	273.3	266.2	269.0	269.0	271.9	277.6	283.3	291.7	294.5	293.1
65°	267.6	266.2	259.2	259.2	256.3	259.2	263.4	269.0	273.3	277.6	277.6
67.5°	249.2	247.8	246.4	246.4	246.4	249.2	252.1	256.3	260.6	263.4	262.0
70°	228.0	228.0	228.0	229.4	229.4	232.2	233.7	232.2	236.5	239.4	237.9
72.5°	209.6	208.2	206.7	209.6	208.2	208.2	211.0	209.6	213.9	213.9	215.3
75°	189.8	188.4	188.4	189.8	186.9	184.1	185.5	185.5	186.9	186.9	189.8
77.5°	172.7	172.7	172.7	171.3	168.5	167.1	165.7	165.7	165.7	165.7	167.1
80°	157.2	157.2	157.2	155.7	152.9	150.1	147.3	145.9	144.5	137.4	137.4
82.5°	141.6	141.6	141.6	141.6	140.2	137.4	133.1	121.8	116.1	110.4	111.9
85°	111.9	114.7	117.5	121.8	120.4	120.4	111.9	97.7	89.2	83.5	84.9
87.5°	72.2	63.7	63.7	62.3	59.4	56.7	56.7	48.2	39.6	35.4	36.8
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-SLL-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	0°
2.5°	1488.3	1485.4	1482.6	1482.6	1478.3	1478.3	1475.5	1481.2	1475.5	1471.3	1471.3	2.5°
5°	1476.9	1474.1	1465.6	1464.2	1458.5	1458.5	1458.5	1455.7	1455.7	1452.8	1451.5	5°
7.5°	1469.9	1462.8	1455.7	1451.5	1451.5	1448.7	1454.3	1451.5	1452.8	1452.8	1454.3	7.5°
10°	1464.2	1458.5	1455.7	1454.3	1454.3	1458.5	1462.8	1464.2	1462.8	1464.2	1464.2	10°
12.5°	1450.1	1452.8	1454.3	1459.9	1467.1	1475.5	1485.4	1486.9	1489.7	1489.7	1492.6	12.5°
15°	1404.8	1411.8	1420.3	1434.4	1452.8	1471.3	1489.7	1505.3	1519.5	1526.5	1532.2	15°
17.5°	1341.0	1348.1	1363.6	1379.3	1403.4	1430.2	1461.4	1488.3	1518.1	1544.9	1571.8	17.5°
20°	1254.6	1266.0	1270.2	1298.5	1326.8	1363.6	1400.5	1443.0	1494.0	1544.9	1597.3	20°
22.5°	1142.8	1155.5	1175.4	1198.0	1227.7	1273.0	1316.9	1383.5	1451.5	1523.6	1605.8	22.5°
25°	1018.1	1032.3	1049.3	1073.4	1103.1	1151.3	1215.0	1285.8	1369.3	1464.2	1566.1	25°
27.5°	889.3	903.4	917.6	934.6	968.6	1019.5	1094.6	1168.3	1260.3	1363.6	1482.6	27.5°
30°	760.4	761.9	770.3	791.5	827.0	893.5	948.7	1040.8	1137.1	1246.1	1383.5	30°
32.5°	618.8	617.4	627.4	645.7	679.7	743.4	811.4	900.7	995.4	1132.8	1274.4	32.5°
35°	492.7	492.7	511.2	529.6	567.8	613.1	672.7	751.9	863.8	991.3	1132.8	35°
37.5°	426.2	436.2	447.4	465.9	495.6	531.0	583.4	652.8	740.6	862.4	992.7	37.5°
40°	405.0	410.7	420.6	437.6	463.1	495.6	533.9	586.2	654.2	751.9	870.9	40°
42.5°	396.5	398.0	403.5	416.3	439.0	471.5	511.2	558.0	608.9	678.3	781.7	42.5°
45°	388.0	386.6	389.4	399.4	417.8	454.5	499.9	550.9	601.9	659.9	744.8	45°
47.5°	380.9	380.9	380.9	385.2	402.1	439.0	491.4	550.9	611.7	676.8	760.4	47.5°
50°	361.1	359.7	359.7	362.5	375.3	414.9	477.2	549.4	628.7	713.7	808.6	50°
52.5°	338.4	338.4	339.8	341.3	352.6	392.3	461.7	549.4	648.6	761.9	880.7	52.5°
55°	331.4	332.7	334.2	332.7	341.3	375.3	444.7	540.9	657.0	800.1	958.7	55°
57.5°	325.7	328.6	328.6	327.1	332.7	361.1	427.6	523.9	650.0	814.2	1013.9	57.5°
60°	317.2	317.2	317.2	312.9	315.8	341.3	402.1	497.0	627.4	801.5	1022.4	60°
62.5°	298.8	298.8	296.0	294.5	293.1	312.9	368.2	457.4	586.2	767.5	1001.1	62.5°
63°	294.5	293.1	293.1	288.8	288.8	307.3	361.1	451.7	574.9	759.0	992.7	63°
65°	279.0	279.0	279.0	276.1	274.7	288.8	332.7	412.1	531.0	719.4	950.1	65°
67.5°	262.0	263.4	260.6	259.2	257.7	266.2	300.2	362.5	463.1	635.8	870.9	67.5°
70°	237.9	239.4	239.4	237.9	236.5	242.1	263.4	311.5	383.7	529.6	742.1	70°
72.5°	216.7	219.4	219.4	222.3	222.3	226.6	235.1	259.2	307.3	413.5	583.4	72.5°
75°	194.0	195.4	198.2	201.1	198.2	196.8	198.2	216.7	240.7	305.9	416.3	75°
77.5°	174.1	178.4	178.4	177.0	172.7	170.0	170.0	178.4	198.2	232.2	297.4	77.5°
80°	144.5	151.5	152.9	148.7	144.5	144.5	147.3	152.9	165.7	191.2	225.1	80°
82.5°	116.1	123.2	124.7	126.0	124.7	128.8	128.8	130.2	137.4	157.2	184.1	82.5°
85°	89.2	94.9	99.2	100.6	102.0	103.3	102.0	94.9	99.2	111.9	124.7	85°
87.5°	39.6	41.0	38.2	39.6	38.2	39.6	41.0	34.0	32.6	43.9	45.3	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°



NUMBER: P180997

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
1469.9	1469.9	1471.3	1468.5	1468.5	1469.9	1465.6
1447.2	1452.8	1452.8	1452.8	1450.1	1452.8	1454.3
1452.8	1457.1	1459.9	1459.9	1458.5	1464.2	1468.5
1459.9	1467.1	1469.9	1469.9	1469.9	1476.9	1486.9
1486.9	1492.6	1496.8	1496.8	1499.6	1508.1	1519.5
1536.4	1543.5	1543.5	1542.1	1550.6	1560.5	1573.2
1591.6	1611.5	1621.4	1620.0	1627.1	1639.8	1654.0
1644.0	1699.3	1723.4	1740.3	1747.5	1764.4	1768.7
1687.9	1780.0	1846.5	1903.2	1930.1	1947.1	1966.9
1672.4	1796.9	1915.9	2032.0	2114.2	2197.7	2233.1
1608.7	1764.4	1920.2	2090.1	2238.8	2387.5	2495.1
1530.8	1717.7	1927.3	2168.0	2403.1	2631.0	2812.3
1441.6	1673.8	1942.8	2240.2	2548.9	2847.6	3109.7
1329.7	1590.2	1904.6	2247.3	2611.2	2973.7	3313.6
1188.1	1476.9	1815.4	2196.3	2614.1	3028.9	3435.4
1046.4	1334.0	1702.1	2122.7	2577.2	3041.7	3511.8
947.4	1206.5	1587.4	2029.2	2517.8	3021.9	3548.7
879.4	1114.4	1485.4	1944.3	2454.1	2986.4	3554.3
873.7	1074.8	1418.9	1882.0	2403.1	2955.3	3554.3
921.9	1096.0	1396.2	1850.8	2381.8	2945.4	3557.1
1012.5	1181.0	1437.3	1874.9	2398.8	2958.2	3569.9
1121.5	1309.9	1547.7	1958.4	2471.0	3000.6	3598.2
1220.7	1458.5	1736.1	2119.8	2602.7	3108.2	3677.5
1278.7	1586.0	1935.7	2346.4	2827.8	3322.1	3836.1
1285.8	1656.8	2112.8	2592.8	3101.1	3567.0	4089.6
1280.1	1662.4	2135.5	2639.6	3159.2	3627.9	4177.3
1248.9	1663.8	2199.2	2803.8	3360.3	3884.2	4422.4
1169.7	1618.5	2221.8	2932.7	3613.8	4221.2	4879.8
1032.3	1489.7	2155.3	2935.5	3711.5	4409.6	5168.6
829.8	1244.8	1867.7	2670.7	3453.8	4224.1	5093.5
607.4	914.8	1411.8	2068.8	2818.0	3516.0	4362.9
403.5	591.9	951.6	1474.1	2020.8	2530.5	3140.9
277.6	366.8	556.5	886.4	1236.2	1484.0	2000.8
203.9	242.1	308.7	453.1	594.7	732.1	1045.0
127.4	138.8	154.3	223.7	320.0	431.9	651.4
34.0	35.4	32.6	43.9	69.4	66.5	73.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)