

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: P181008

Luminaire Tested: **ICM-E06-LED-E1-SLL**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181008
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-E06-LED-E1-SLL
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15530.1 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

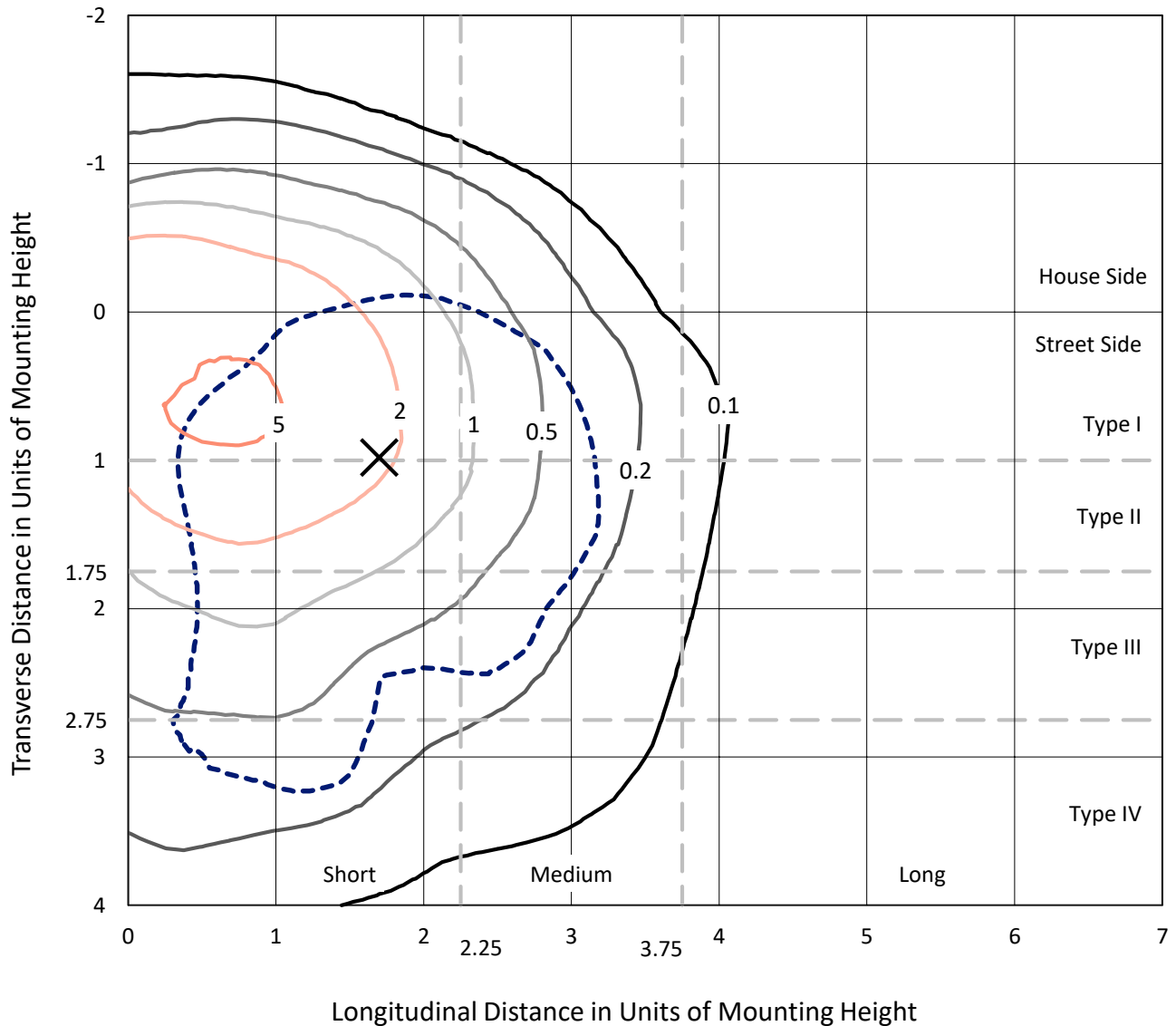
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

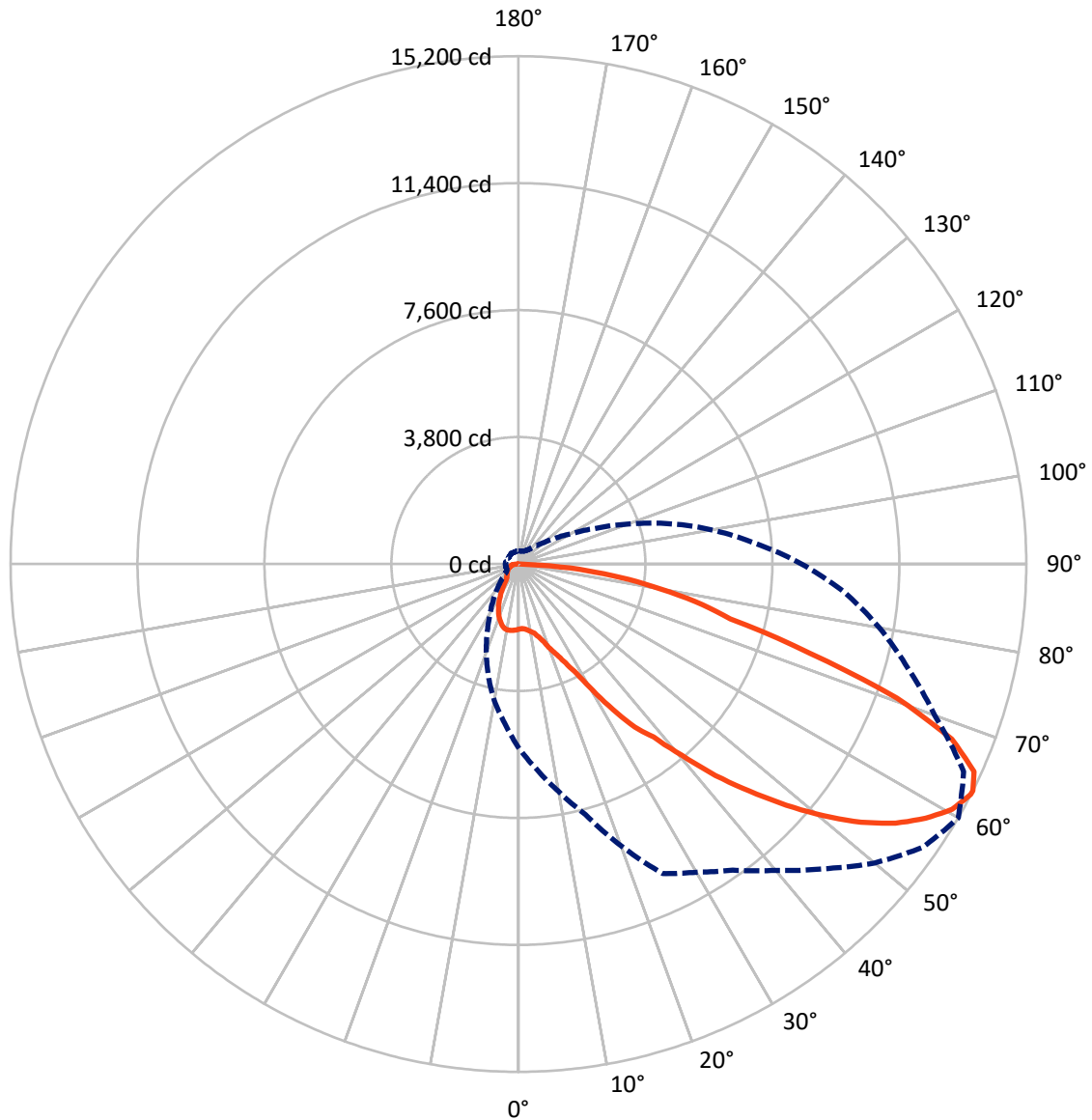
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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	3367.6	0.0	3367.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	12162.4	0.0	12162.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	15530.1	0.0	15530.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.0	1.2
10°-20°	591.7	3.8
20°-30°	1051.2	6.8
30°-40°	1655.3	10.7
40°-50°	2436.1	15.7
50°-60°	3235.8	20.8
60°-70°	3564.3	23.0
70°-80°	2236.2	14.4
80°-90°	569.6	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°	15530.1	100.0
0°-180°	15530.1	100.0



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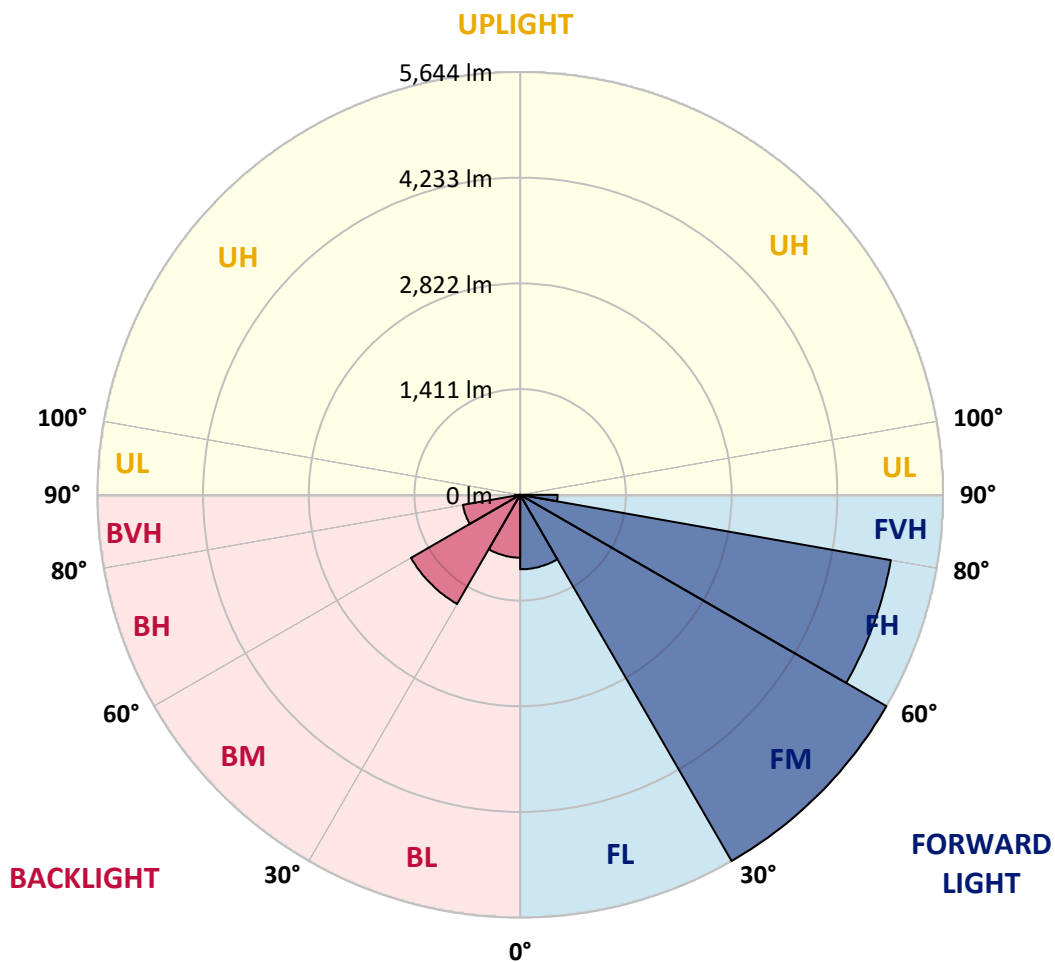
CATALOG NUMBER: ICM-E06-LED-E1-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	994.4	6.4			
FM	(30°-60°)	5644.0	36.3			
FH	(60°-80°)	5024.2	32.4			G3/7500
FVH	(80°-90°)	499.8	3.2			G3/500
BL	(0°-30°)	838.4	5.4	B2/1000		
BM	(30°-60°)	1683.2	10.8	B2/2500		
BH	(60°-80°)	776.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	69.7	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°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
2.5°	1925.6	1929.3	1929.3	1927.5	1927.5	1931.2	1929.3	1927.5	1921.9	1929.3	1929.3
5°	1910.7	1914.4	1914.4	1918.2	1921.9	1925.6	1925.6	1929.3	1927.5	1934.9	1940.5
7.5°	1929.3	1933.0	1940.5	1949.8	1955.4	1968.4	1968.4	1977.7	1981.4	1987.0	1985.1
10°	1953.5	1962.8	1979.5	1994.4	2005.6	2020.5	2031.6	2044.7	2044.7	2050.2	2054.0
12.5°	1996.3	2005.6	2024.2	2042.8	2059.5	2078.2	2094.9	2107.9	2120.9	2124.7	2132.1
15°	2067.0	2078.2	2106.1	2132.1	2152.6	2176.8	2199.1	2225.1	2249.3	2254.9	2258.6
17.5°	2173.0	2195.4	2215.8	2262.3	2292.1	2323.7	2359.1	2396.3	2403.7	2442.8	2452.1
20°	2323.7	2351.6	2370.2	2427.9	2478.2	2519.1	2571.2	2614.0	2630.7	2667.9	2705.1
22.5°	2584.2	2578.6	2606.5	2664.2	2701.4	2783.3	2827.9	2872.6	2894.9	2950.7	2980.5
25°	2934.0	2963.7	3025.1	3030.7	3066.1	3160.9	3218.6	3263.3	3265.1	3281.9	3313.5
27.5°	3278.2	3401.0	3497.7	3549.8	3644.7	3732.1	3728.4	3791.7	3693.0	3713.5	3743.3
30°	3694.9	3899.6	4081.9	4204.7	4301.4	4403.7	4454.0	4489.3	4446.5	4427.9	4392.6
32.5°	4085.6	4372.1	4653.1	4870.7	5051.2	5220.5	5332.1	5382.4	5441.9	5592.6	5646.5
35°	4353.5	4759.1	5108.9	5423.3	5724.7	5994.5	6189.8	6301.4	6258.6	6238.2	6227.0
37.5°	4513.5	5008.4	5445.6	5890.3	6236.3	6640.0	6943.3	7237.3	7304.2	7187.0	7129.3
40°	4614.0	5200.0	5761.9	6286.6	6734.9	7255.9	7631.7	8072.6	8407.5	8452.1	8314.5
42.5°	4662.4	5328.4	5983.3	6576.8	7183.3	7821.4	8297.7	8831.7	9332.2	9676.3	9590.8
45°	4669.8	5412.1	6145.2	6839.1	7561.0	8318.2	8932.1	9523.8	10193.6	10783.3	10800.1
47.5°	4669.8	5475.4	6256.8	7028.9	7899.6	8749.8	9419.6	10119.1	10939.6	11637.3	11851.2
50°	4673.5	5518.2	6361.0	7177.7	8158.2	9114.5	9871.7	10697.7	11561.0	12320.1	12733.1
52.5°	4690.3	5549.8	6442.8	7283.8	8325.6	9371.2	10223.3	11175.9	12035.4	12815.0	13348.9
55°	4727.5	5594.5	6502.4	7348.9	8437.3	9538.7	10478.2	11503.3	12342.4	13133.1	13879.2
57.5°	4831.7	5672.6	6574.9	7406.6	8498.7	9648.4	10656.8	11644.7	12459.6	13283.8	14160.1
60°	5040.0	5838.2	6699.6	7521.9	8601.0	9851.2	10742.4	11549.8	12374.0	13239.2	14223.3
62.5°	5373.1	6096.8	6872.6	7717.3	8893.1	10165.6	10677.3	11267.0	12037.3	12980.5	13998.2
63°	5488.4	6152.6	6911.7	7760.0	8973.1	10223.3	10649.4	11183.3	11968.4	12898.7	13918.2
65°	5810.3	6400.0	7097.7	7975.9	9302.4	10281.0	10431.7	10748.0	11492.2	12431.7	13445.7
67.5°	6411.2	7001.0	7497.7	8340.5	9579.6	10054.0	9756.3	9795.4	10573.1	11546.1	12457.8
70°	6790.7	7494.0	7752.6	8387.0	9529.4	9717.3	8881.9	8364.7	8988.0	10096.8	10895.0
72.5°	6692.1	7499.6	7471.7	7767.5	8524.7	8699.6	7834.5	7019.6	7389.8	8217.7	8734.9
75°	5732.1	6697.7	6493.1	6433.5	6699.6	6814.9	6165.6	6041.0	6507.9	6967.5	6974.9
77.5°	4126.5	5188.9	4948.9	4604.7	4586.1	4852.1	4939.6	5756.3	6446.6	6809.3	6649.3
80°	2628.9	3780.5	3531.2	2930.3	2920.9	3267.0	4035.4	5146.1	5877.2	6080.0	5663.3
82.5°	1373.0	2474.4	2569.3	2199.1	2517.2	3090.3	3840.0	4147.0	4424.2	4452.1	3961.0
85°	855.8	1521.9	1789.8	1847.5	2273.5	2740.5	2734.9	2627.0	2504.2	2143.3	1938.6
87.5°	96.7	191.6	290.2	275.4	370.2	519.1	647.4	379.5	266.0	96.7	134.0
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°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
2.5°	1933.0	1934.9	1936.8	1936.8	1946.1	1944.2	1946.1	1949.8	1955.4	1959.1	1962.8
5°	1947.9	1947.9	1955.4	1960.9	1972.1	1979.5	1983.3	1994.4	2007.5	2003.7	2014.9
7.5°	1996.3	1994.4	2001.9	2005.6	2014.9	2027.9	2026.1	2035.4	2046.5	2050.2	2059.5
10°	2061.4	2055.8	2055.8	2052.1	2054.0	2050.2	2050.2	2050.2	2057.7	2055.8	2063.3
12.5°	2128.4	2126.5	2122.8	2111.6	2111.6	2096.8	2089.3	2080.0	2078.2	2065.1	2067.0
15°	2266.1	2266.1	2258.6	2236.3	2217.7	2204.7	2186.1	2173.0	2154.4	2130.2	2117.2
17.5°	2467.0	2440.9	2431.6	2427.9	2398.2	2387.0	2346.1	2303.3	2282.8	2249.3	2230.7
20°	2712.6	2707.0	2669.8	2651.2	2614.0	2561.9	2509.8	2454.0	2420.5	2379.5	2357.2
22.5°	2989.8	2948.9	2930.3	2902.3	2844.7	2785.1	2707.0	2632.6	2580.5	2552.6	2535.8
25°	3313.5	3272.6	3254.0	3216.8	3146.1	3082.8	2986.1	2898.6	2852.1	2805.6	2779.6
27.5°	3743.3	3704.2	3681.9	3585.1	3561.0	3456.8	3337.7	3218.6	3157.2	3088.4	3043.7
30°	4385.1	4387.0	4271.7	4154.4	4033.5	3853.0	3728.4	3594.4	3494.0	3395.4	3296.8
32.5°	5469.8	5192.6	4978.6	4727.5	4465.1	4273.5	4119.1	3959.1	3819.6	3676.3	3512.6
35°	6132.1	5998.2	5721.0	5261.4	4997.2	4764.7	4593.5	4400.0	4228.9	3975.8	3726.5
37.5°	6880.0	6569.3	6232.6	5977.7	5678.2	5408.4	5121.9	4902.4	4606.5	4266.1	3912.6
40°	7972.1	7527.5	7121.9	6779.6	6392.6	6109.8	5789.8	5471.7	5079.1	4586.1	4100.5
42.5°	9112.6	8653.1	8117.3	7672.6	7216.8	6885.6	6489.3	6042.8	5466.1	4855.8	4262.4
45°	10308.9	9694.9	9053.1	8509.8	8035.4	7624.2	7133.1	6541.4	5838.2	5097.7	4413.1
47.5°	11488.4	10783.3	10018.7	9434.5	8816.8	8314.5	7711.7	6963.8	6128.4	5326.5	4563.7
50°	12528.4	11849.4	10928.4	10186.1	9561.0	8941.5	8189.8	7289.3	6357.2	5523.8	4699.6
52.5°	13425.2	12841.0	11871.7	10934.0	10214.0	9518.2	8574.9	7551.7	6587.9	5706.1	4811.2
55°	14083.8	13695.0	12801.9	11639.1	10788.9	9959.1	8900.5	7804.7	6805.6	5851.2	4883.8
57.5°	14580.6	14364.7	13598.2	12303.3	11317.3	10387.0	9237.3	8108.0	7021.4	5975.9	4917.2
60°	14852.2	14911.7	14201.0	12883.8	11784.3	10744.3	9574.0	8366.6	7181.4	6048.4	4898.6
62.5°	14826.1	15190.8	14653.1	13241.0	12055.9	10956.3	9801.0	8487.5	7159.1	5933.1	4729.3
63°	14775.9	15200.1	14703.3	13265.2	12072.6	10963.8	9806.6	8470.7	7112.6	5877.2	4662.4
65°	14342.4	14986.1	14660.6	13155.4	11923.8	10824.3	9689.4	8228.9	6785.2	5577.7	4318.2
67.5°	13181.5	13987.1	13894.0	12379.6	11218.7	10247.5	9090.3	7449.3	5975.9	4841.0	3659.6
70°	11263.3	12020.5	12037.3	10766.6	9797.3	8844.7	7882.8	6061.4	4736.8	3752.6	2729.3
72.5°	8632.6	9120.1	9289.4	8452.1	7802.8	7133.1	6269.8	4400.0	3376.8	2552.6	1776.8
75°	6684.7	6550.7	6548.9	6195.4	5931.2	5603.8	4654.9	2969.3	2217.7	1659.5	1086.5
77.5°	6009.3	5414.0	4837.2	4413.1	4201.0	4091.2	3053.0	1789.8	1307.9	954.4	625.1
80°	4956.3	4078.2	3294.9	2837.2	2654.9	2781.4	1702.3	967.4	716.3	543.3	405.6
82.5°	3417.7	2837.2	2156.3	1786.1	1533.0	1603.7	870.7	494.9	331.2	303.3	251.2
85°	1780.5	1560.9	1317.2	1131.2	999.1	878.1	452.1	236.3	137.7	120.9	109.8
87.5°	0.0	1.9	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°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
2.5°	1968.4	1966.5	1970.2	1972.1	1977.7	1981.4	1983.3	1979.5	1985.1	1990.7	1987.0
5°	2020.5	2033.5	2035.4	2040.9	2040.9	2052.1	2052.1	2052.1	2050.2	2052.1	2048.4
7.5°	2065.1	2081.9	2083.7	2091.2	2093.0	2106.1	2100.5	2104.2	2104.2	2094.9	2091.2
10°	2070.7	2087.5	2096.8	2106.1	2119.1	2135.8	2135.8	2145.1	2145.1	2137.7	2135.8
12.5°	2072.6	2085.6	2094.9	2107.9	2126.5	2150.7	2163.7	2176.8	2182.3	2180.5	2174.9
15°	2111.6	2111.6	2113.5	2124.7	2137.7	2167.5	2186.1	2200.9	2210.2	2206.5	2197.2
17.5°	2214.0	2199.1	2187.9	2169.3	2173.0	2187.9	2199.1	2212.1	2214.0	2210.2	2195.4
20°	2333.0	2314.4	2286.5	2256.8	2241.9	2230.7	2223.3	2223.3	2217.7	2199.1	2174.9
22.5°	2502.3	2478.2	2439.1	2394.4	2364.7	2329.3	2286.5	2245.6	2200.9	2156.3	2104.2
25°	2736.8	2703.3	2662.3	2593.5	2530.2	2455.8	2368.4	2277.2	2171.2	2078.2	2001.9
27.5°	2973.0	2898.6	2792.6	2697.7	2580.5	2468.9	2344.2	2232.6	2096.8	1985.1	1901.4
30°	3168.4	3027.0	2874.4	2723.7	2569.3	2418.6	2269.8	2135.8	1987.0	1873.5	1791.6
32.5°	3319.1	3123.7	2911.6	2714.4	2524.7	2340.5	2169.3	2020.5	1869.8	1752.6	1665.1
35°	3458.6	3187.0	2917.2	2673.5	2439.1	2247.5	2054.0	1892.1	1732.1	1609.3	1514.4
37.5°	3562.8	3216.8	2883.7	2597.2	2327.5	2113.5	1916.3	1750.7	1587.0	1453.0	1345.1
40°	3629.8	3198.2	2811.2	2487.5	2195.4	1970.2	1769.3	1598.1	1440.0	1293.0	1162.8
42.5°	3683.7	3174.0	2738.6	2387.0	2091.2	1845.6	1639.1	1454.9	1294.9	1134.9	991.6
45°	3763.7	3192.6	2707.0	2316.3	1998.2	1739.5	1512.6	1320.9	1153.5	997.2	859.5
47.5°	3841.9	3201.9	2660.5	2228.9	1880.9	1629.8	1399.1	1213.0	1041.9	898.6	772.1
50°	3912.6	3196.3	2587.9	2117.2	1767.5	1520.0	1296.8	1110.7	941.4	809.3	690.2
52.5°	3946.1	3164.7	2498.6	2009.3	1676.3	1423.3	1196.3	1015.8	848.4	723.7	614.0
55°	3942.3	3082.8	2381.4	1907.0	1575.8	1320.9	1097.7	919.1	768.4	653.0	558.1
57.5°	3886.5	2956.3	2256.8	1793.5	1443.7	1194.4	982.3	809.3	682.8	586.1	506.0
60°	3769.3	2794.4	2093.0	1627.9	1278.1	1038.1	839.1	690.2	587.9	513.5	461.4
62.5°	3549.8	2561.9	1888.4	1397.2	1054.9	835.4	662.3	565.6	489.3	444.7	420.5
63°	3484.7	2498.6	1800.9	1341.4	1002.8	788.8	625.1	524.7	468.8	429.8	407.4
65°	3160.9	2187.9	1507.0	1082.8	779.5	608.4	502.3	426.0	392.6	375.8	374.0
67.5°	2560.0	1720.9	1066.1	742.3	530.2	439.1	385.1	353.5	338.6	334.9	338.6
70°	1797.2	1086.5	677.2	493.0	392.6	353.5	329.3	316.3	307.0	308.8	312.6
72.5°	1146.1	651.2	465.1	374.0	331.2	310.7	299.5	295.8	294.0	292.1	292.1
75°	653.0	433.5	357.2	323.7	301.4	284.7	275.4	271.6	273.5	275.4	271.6
77.5°	431.6	357.2	318.1	295.8	275.4	256.7	251.2	249.3	253.0	256.7	256.7
80°	340.5	318.1	295.8	273.5	240.0	227.0	230.7	232.6	230.7	232.6	227.0
82.5°	240.0	236.3	241.9	232.6	199.1	187.9	184.2	186.0	182.3	182.3	178.6
85°	111.6	111.6	117.2	117.2	113.5	115.3	124.7	135.8	141.4	135.8	128.4
87.5°	0.0	0.0	0.0	0.0	0.0	16.7	33.5	48.4	52.1	65.1	63.3
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: P181008

CATALOG NUMBER: ICM-E06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
2.5°	1981.4	1985.1	1983.3	1981.4	1985.1	1981.4	1983.3	1981.4	1981.4	1979.5	1979.5
5°	2044.7	2050.2	2039.1	2037.2	2033.5	2024.2	2024.2	2020.5	2020.5	2013.0	2007.5
7.5°	2085.6	2087.5	2078.2	2076.3	2067.0	2057.7	2050.2	2042.8	2040.9	2035.4	2024.2
10°	2124.7	2120.9	2113.5	2104.2	2094.9	2081.9	2072.6	2063.3	2061.4	2052.1	2039.1
12.5°	2158.2	2156.3	2141.4	2132.1	2117.2	2104.2	2093.0	2081.9	2076.3	2065.1	2046.5
15°	2180.5	2169.3	2150.7	2134.0	2117.2	2102.3	2089.3	2076.3	2070.7	2057.7	2039.1
17.5°	2171.2	2150.7	2126.5	2106.1	2083.7	2065.1	2054.0	2040.9	2031.6	2024.2	1998.2
20°	2137.7	2107.9	2070.7	2046.5	2016.8	1992.6	1985.1	1972.1	1964.7	1936.8	1903.3
22.5°	2050.2	2007.5	1960.9	1925.6	1892.1	1867.9	1849.3	1836.3	1817.7	1800.9	1748.8
25°	1940.5	1892.1	1843.7	1800.9	1756.3	1719.1	1685.6	1654.0	1644.7	1609.3	1559.1
27.5°	1834.4	1780.5	1732.1	1681.9	1624.2	1577.7	1520.0	1475.4	1445.6	1408.4	1361.9
30°	1720.9	1667.0	1601.9	1534.9	1467.9	1417.7	1352.6	1298.6	1261.4	1222.3	1179.5
32.5°	1577.7	1512.6	1434.4	1360.0	1298.6	1239.1	1174.0	1121.9	1084.7	1049.3	1008.4
35°	1414.0	1328.4	1244.7	1162.8	1097.7	1047.4	989.8	950.7	924.7	893.0	850.2
37.5°	1226.1	1129.3	1040.0	976.8	919.1	870.7	829.8	805.6	777.7	760.9	734.9
40°	1036.3	941.4	854.0	796.3	747.9	720.0	697.7	692.1	673.5	651.2	634.4
42.5°	868.8	777.7	692.1	645.6	614.0	606.5	595.4	595.4	586.1	569.3	558.1
45°	755.4	660.5	586.1	552.6	535.8	534.0	528.4	528.4	526.5	519.1	506.0
47.5°	673.5	587.9	530.2	509.8	506.0	502.3	496.7	494.9	493.0	487.4	480.0
50°	599.1	526.5	489.3	480.0	481.9	476.3	470.7	465.1	463.3	457.7	450.2
52.5°	530.2	478.1	454.0	448.4	448.4	448.4	444.7	444.7	440.9	439.1	431.6
55°	491.2	452.1	439.1	437.2	435.4	433.5	429.8	429.8	426.0	424.2	414.9
57.5°	457.7	433.5	426.0	422.3	420.5	416.7	414.9	414.9	414.9	414.9	403.7
60°	431.6	420.5	418.6	414.9	413.0	405.6	401.9	400.0	401.9	403.7	392.6
62.5°	403.7	401.9	400.0	396.3	394.4	387.0	381.4	377.7	381.4	385.1	383.3
63°	396.3	394.4	394.4	392.6	390.7	381.4	375.8	372.1	375.8	379.5	379.5
65°	370.2	372.1	372.1	370.2	368.4	362.8	355.4	351.6	353.5	359.1	360.9
67.5°	342.3	344.2	342.3	344.2	342.3	338.6	333.0	329.3	327.4	329.3	331.2
70°	316.3	320.0	318.1	316.3	314.4	314.4	310.7	305.1	303.3	301.4	301.4
72.5°	294.0	294.0	290.2	290.2	288.4	288.4	284.7	279.1	277.2	277.2	273.5
75°	269.8	269.8	264.2	264.2	260.5	262.3	258.6	253.0	251.2	251.2	249.3
77.5°	254.9	249.3	240.0	238.1	236.3	236.3	234.4	228.8	227.0	227.0	225.1
80°	225.1	214.0	204.7	202.8	204.7	208.4	208.4	204.7	204.7	204.7	204.7
82.5°	174.9	171.2	165.6	161.9	161.9	167.4	174.9	178.6	182.3	186.0	186.0
85°	128.4	130.2	128.4	122.8	120.9	126.5	134.0	141.4	143.3	150.7	148.8
87.5°	68.8	70.7	65.1	63.3	68.8	72.6	80.0	81.9	85.6	87.4	89.3
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-E06-LED-E1-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
2.5°	1977.7	1975.8	1977.7	1974.0	1974.0	1970.2	1966.5	1964.7	1960.9	1959.1	1955.4
5°	2011.2	2005.6	2000.0	1998.2	1990.7	1983.3	1977.7	1968.4	1960.9	1947.9	1944.2
7.5°	2033.5	2020.5	2013.0	2011.2	2000.0	1994.4	1981.4	1970.2	1959.1	1942.3	1936.8
10°	2042.8	2029.8	2016.8	2011.2	1998.2	1988.8	1975.8	1959.1	1949.8	1933.0	1929.3
12.5°	2054.0	2029.8	2009.3	1994.4	1975.8	1955.4	1942.3	1933.0	1920.0	1910.7	1907.0
15°	2033.5	2001.9	1970.2	1942.3	1912.6	1890.2	1877.2	1862.3	1847.5	1841.9	1841.9
17.5°	1977.7	1936.8	1882.8	1847.5	1815.8	1791.6	1774.9	1760.0	1758.2	1750.7	1754.4
20°	1862.3	1808.4	1756.3	1730.2	1711.6	1696.8	1680.0	1672.6	1667.0	1655.8	1652.1
22.5°	1702.3	1657.7	1620.5	1601.9	1587.0	1568.4	1553.5	1531.2	1525.6	1514.4	1508.8
25°	1525.6	1490.2	1458.6	1445.6	1436.3	1410.2	1400.9	1371.2	1350.7	1337.7	1345.1
27.5°	1348.8	1322.8	1293.0	1276.3	1270.7	1246.5	1237.2	1203.7	1187.0	1187.0	1168.4
30°	1166.5	1142.3	1123.7	1105.1	1101.4	1071.6	1047.4	1034.4	1015.8	1008.4	995.4
32.5°	995.4	971.2	956.3	947.0	932.1	907.9	883.7	861.4	831.6	820.5	814.9
35°	837.2	818.6	800.0	792.6	772.1	746.1	716.3	697.7	662.3	649.3	643.7
37.5°	716.3	694.0	680.9	660.5	640.0	612.1	589.8	573.0	560.0	554.4	554.4
40°	619.5	602.8	587.9	571.2	554.4	539.5	528.4	524.7	522.8	522.8	526.5
42.5°	547.0	532.1	524.7	515.4	509.8	509.8	507.9	509.8	511.6	513.5	519.1
45°	498.6	489.3	485.6	483.7	487.4	491.2	493.0	496.7	504.2	507.9	509.8
47.5°	472.6	465.1	463.3	465.1	470.7	478.1	485.6	491.2	496.7	498.6	500.5
50°	446.5	437.2	433.5	437.2	444.7	455.8	461.4	470.7	474.4	478.1	474.4
52.5°	424.2	416.7	414.9	414.9	422.3	429.8	437.2	444.7	446.5	446.5	444.7
55°	405.6	400.0	394.4	398.1	403.7	411.2	422.3	427.9	431.6	433.5	433.5
57.5°	390.7	385.1	379.5	383.3	388.8	396.3	407.4	413.0	416.7	422.3	424.2
60°	379.5	372.1	366.5	372.1	377.7	388.8	398.1	403.7	413.0	414.9	414.9
62.5°	368.4	360.9	351.6	357.2	357.2	362.8	372.1	379.5	388.8	392.6	392.6
63°	366.5	359.1	349.8	353.5	353.5	357.2	364.7	372.1	383.3	387.0	385.1
65°	351.6	349.8	340.5	340.5	336.7	340.5	346.0	353.5	359.1	364.7	364.7
67.5°	327.4	325.6	323.7	323.7	323.7	327.4	331.2	336.7	342.3	346.0	344.2
70°	299.5	299.5	299.5	301.4	301.4	305.1	307.0	305.1	310.7	314.4	312.6
72.5°	275.4	273.5	271.6	275.4	273.5	273.5	277.2	275.4	280.9	280.9	282.8
75°	249.3	247.4	247.4	249.3	245.6	241.9	243.7	243.7	245.6	245.6	249.3
77.5°	227.0	227.0	227.0	225.1	221.4	219.5	217.7	217.7	217.7	217.7	219.5
80°	206.5	206.5	206.5	204.7	200.9	197.2	193.5	191.6	189.8	180.5	180.5
82.5°	186.0	186.0	186.0	186.0	184.2	180.5	174.9	160.0	152.6	145.1	147.0
85°	147.0	150.7	154.4	160.0	158.1	158.1	147.0	128.4	117.2	109.8	111.6
87.5°	94.9	83.7	83.7	81.9	78.1	74.4	74.4	63.3	52.1	46.5	48.4
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-E06-LED-E1-SLL

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	0°
2.5°	1955.4	1951.6	1947.9	1947.9	1942.3	1942.3	1938.6	1946.1	1938.6	1933.0	1933.0	2.5°
5°	1940.5	1936.8	1925.6	1923.7	1916.3	1916.3	1916.3	1912.6	1912.6	1908.8	1907.0	5°
7.5°	1931.2	1921.9	1912.6	1907.0	1907.0	1903.3	1910.7	1907.0	1908.8	1908.8	1910.7	7.5°
10°	1923.7	1916.3	1912.6	1910.7	1910.7	1916.3	1921.9	1923.7	1921.9	1923.7	1923.7	10°
12.5°	1905.1	1908.8	1910.7	1918.2	1927.5	1938.6	1951.6	1953.5	1957.2	1957.2	1960.9	12.5°
15°	1845.6	1854.9	1866.1	1884.7	1908.8	1933.0	1957.2	1977.7	1996.3	2005.6	2013.0	15°
17.5°	1761.9	1771.2	1791.6	1812.1	1843.7	1879.1	1920.0	1955.4	1994.4	2029.8	2065.1	17.5°
20°	1648.4	1663.3	1668.8	1706.1	1743.3	1791.6	1840.0	1895.8	1962.8	2029.8	2098.6	20°
22.5°	1501.4	1518.1	1544.2	1574.0	1613.0	1672.6	1730.2	1817.7	1907.0	2001.9	2109.8	22.5°
25°	1337.7	1356.3	1378.6	1410.2	1449.3	1512.6	1596.3	1689.3	1799.1	1923.7	2057.7	25°
27.5°	1168.4	1187.0	1205.6	1227.9	1272.6	1339.5	1438.1	1534.9	1655.8	1791.6	1947.9	27.5°
30°	999.1	1000.9	1012.1	1040.0	1086.5	1174.0	1246.5	1367.5	1494.0	1637.2	1817.7	30°
32.5°	813.0	811.2	824.2	848.4	893.0	976.8	1066.1	1183.3	1307.9	1488.4	1674.4	32.5°
35°	647.4	647.4	671.6	695.8	746.1	805.6	883.7	987.9	1134.9	1302.3	1488.4	35°
37.5°	560.0	573.0	587.9	612.1	651.2	697.7	766.5	857.7	973.0	1133.0	1304.2	37.5°
40°	532.1	539.5	552.6	574.9	608.4	651.2	701.4	770.2	859.5	987.9	1144.2	40°
42.5°	520.9	522.8	530.2	547.0	576.7	619.5	671.6	733.0	800.0	891.2	1027.0	42.5°
45°	509.8	507.9	511.6	524.7	548.8	597.2	656.7	723.7	790.7	867.0	978.6	45°
47.5°	500.5	500.5	500.5	506.0	528.4	576.7	645.6	723.7	803.7	889.3	999.1	47.5°
50°	474.4	472.6	472.6	476.3	493.0	545.1	627.0	721.9	826.1	937.7	1062.3	50°
52.5°	444.7	444.7	446.5	448.4	463.3	515.4	606.5	721.9	852.1	1000.9	1157.2	52.5°
55°	435.4	437.2	439.1	437.2	448.4	493.0	584.2	710.7	863.3	1051.2	1259.5	55°
57.5°	427.9	431.6	431.6	429.8	437.2	474.4	561.9	688.4	854.0	1069.8	1332.1	57.5°
60°	416.7	416.7	416.7	411.2	414.9	448.4	528.4	653.0	824.2	1053.0	1343.3	60°
62.5°	392.6	392.6	388.8	387.0	385.1	411.2	483.7	600.9	770.2	1008.4	1315.4	62.5°
63°	387.0	385.1	385.1	379.5	379.5	403.7	474.4	593.5	755.4	997.2	1304.2	63°
65°	366.5	366.5	366.5	362.8	360.9	379.5	437.2	541.4	697.7	945.1	1248.4	65°
67.5°	344.2	346.0	342.3	340.5	338.6	349.8	394.4	476.3	608.4	835.4	1144.2	67.5°
70°	312.6	314.4	314.4	312.6	310.7	318.1	346.0	409.3	504.2	695.8	974.9	70°
72.5°	284.7	288.4	288.4	292.1	292.1	297.7	308.8	340.5	403.7	543.3	766.5	72.5°
75°	254.9	256.7	260.5	264.2	260.5	258.6	260.5	284.7	316.3	401.9	547.0	75°
77.5°	228.8	234.4	234.4	232.6	227.0	223.3	223.3	234.4	260.5	305.1	390.7	77.5°
80°	189.8	199.1	200.9	195.4	189.8	189.8	193.5	200.9	217.7	251.2	295.8	80°
82.5°	152.6	161.9	163.7	165.6	163.7	169.3	169.3	171.2	180.5	206.5	241.9	82.5°
85°	117.2	124.7	130.2	132.1	134.0	135.8	134.0	124.7	130.2	147.0	163.7	85°
87.5°	52.1	54.0	50.2	52.1	50.2	52.1	54.0	44.7	42.8	57.7	59.5	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: P181008

NUMBER: ICM-E06-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1951.6	1951.6	1951.6	1951.6	1951.6	1951.6	1951.6
1931.2	1931.2	1933.0	1929.3	1929.3	1931.2	1925.6
1901.4	1908.8	1908.8	1908.8	1905.1	1908.8	1910.7
1908.8	1914.4	1918.2	1918.2	1916.3	1923.7	1929.3
1918.2	1927.5	1931.2	1931.2	1931.2	1940.5	1953.5
1953.5	1960.9	1966.5	1966.5	1970.2	1981.4	1996.3
2018.6	2027.9	2027.9	2026.1	2037.2	2050.2	2067.0
2091.2	2117.2	2130.2	2128.4	2137.7	2154.4	2173.0
2160.0	2232.6	2264.2	2286.5	2295.8	2318.2	2323.7
2217.7	2338.6	2426.1	2500.5	2535.8	2558.2	2584.2
2197.2	2360.9	2517.2	2669.8	2777.7	2887.5	2934.0
2113.5	2318.2	2522.8	2746.1	2941.4	3136.8	3278.2
2011.2	2256.8	2532.1	2848.4	3157.2	3456.8	3694.9
1894.0	2199.1	2552.6	2943.3	3348.9	3741.4	4085.6
1747.0	2089.3	2502.3	2952.6	3430.7	3907.0	4353.5
1560.9	1940.5	2385.1	2885.6	3434.4	3979.6	4513.5
1374.9	1752.6	2236.3	2788.9	3386.1	3996.3	4614.0
1244.7	1585.1	2085.6	2666.1	3307.9	3970.3	4662.4
1155.4	1464.2	1951.6	2554.4	3224.2	3923.7	4669.8
1147.9	1412.1	1864.2	2472.6	3157.2	3882.8	4669.8
1211.2	1440.0	1834.4	2431.6	3129.3	3869.8	4673.5
1330.2	1551.6	1888.4	2463.3	3151.6	3886.5	4690.3
1473.5	1720.9	2033.5	2573.0	3246.5	3942.3	4727.5
1603.7	1916.3	2280.9	2785.1	3419.6	4083.7	4831.7
1680.0	2083.7	2543.3	3082.8	3715.4	4364.7	5040.0
1689.3	2176.8	2775.8	3406.5	4074.4	4686.5	5373.1
1681.9	2184.2	2805.6	3467.9	4150.7	4766.5	5488.4
1640.9	2186.1	2889.3	3683.7	4414.9	5103.3	5810.3
1536.8	2126.5	2919.1	3853.0	4747.9	5546.1	6411.2
1356.3	1957.2	2831.6	3856.8	4876.3	5793.5	6790.7
1090.2	1635.4	2454.0	3508.9	4537.7	5549.8	6692.1
798.1	1201.9	1854.9	2718.2	3702.3	4619.6	5732.1
530.2	777.7	1250.2	1936.8	2654.9	3324.7	4126.5
364.7	481.9	731.2	1164.7	1624.2	1949.8	2628.9
267.9	318.1	405.6	595.4	781.4	961.9	1373.0
167.4	182.3	202.8	294.0	420.5	567.4	855.8
44.7	46.5	42.8	57.7	91.2	87.4	96.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)