

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: P181142

Luminaire Tested: **ICS-F03-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181142
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: ICS-F03-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5664.8 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 78.3
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



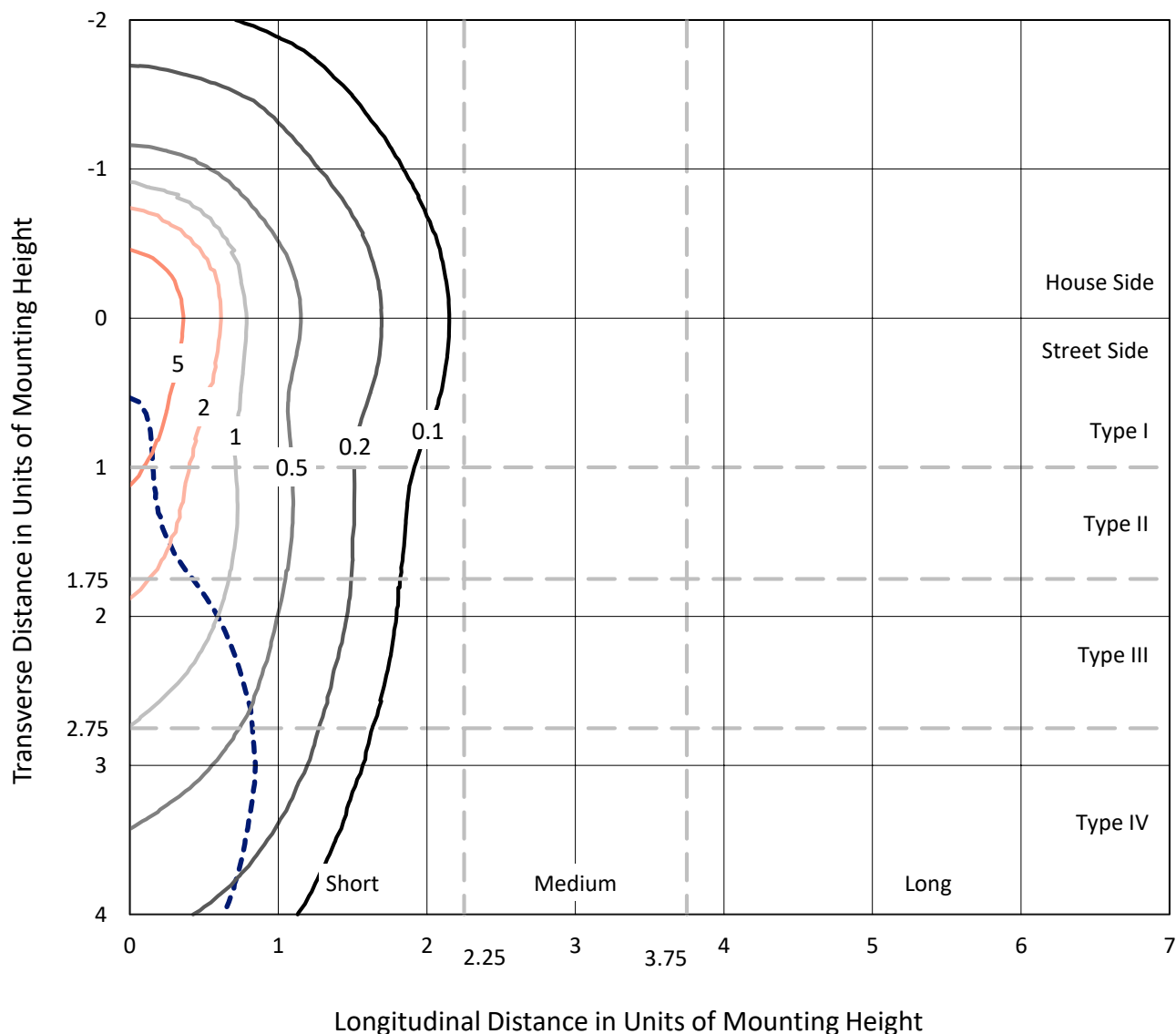
REPORT NUMBER: P181142

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

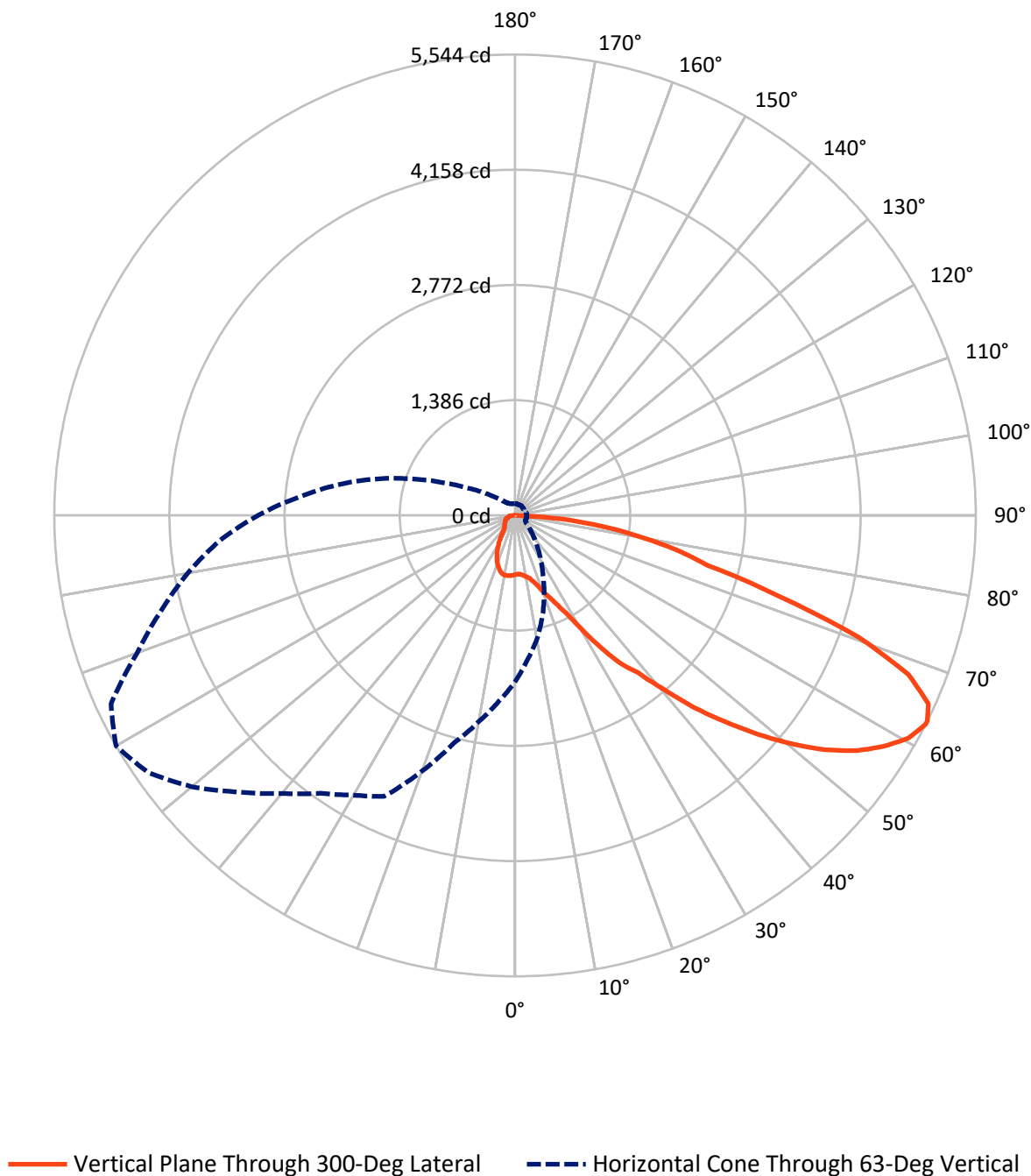


Based on 10 foot mounting height. Maximum calculated value = 8.9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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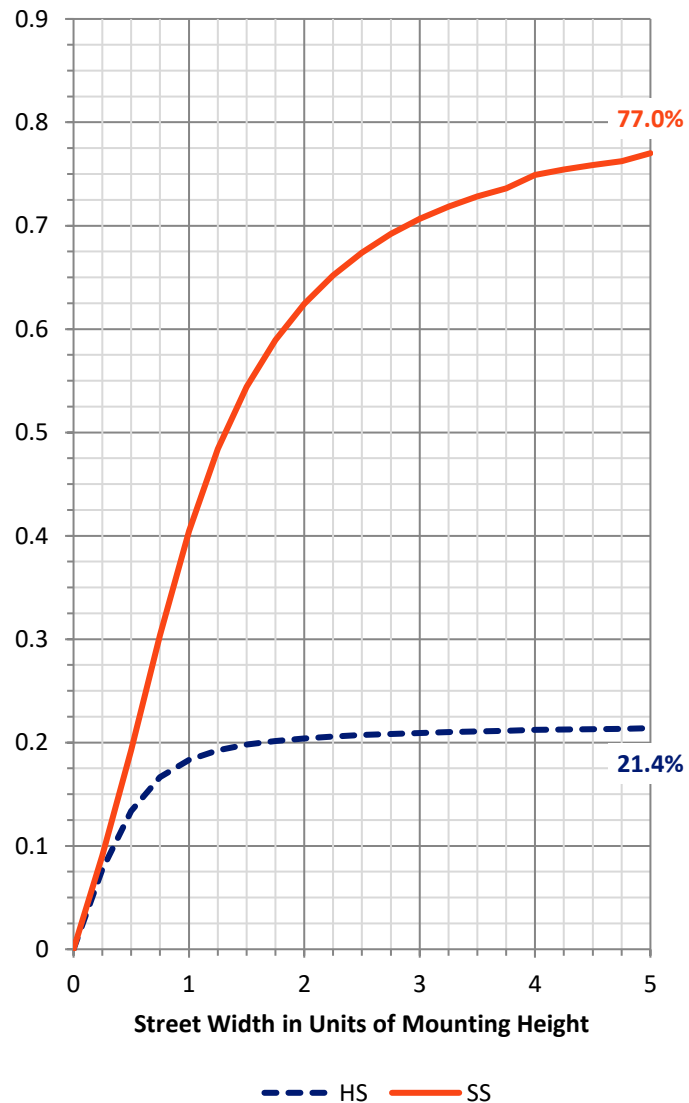
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1228.4	0.0	1228.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4436.4	0.0	4436.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	5664.8	0.0	5664.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.3	1.2
10°-20°	215.8	3.8
20°-30°	383.4	6.8
30°-40°	603.8	10.7
40°-50°	888.6	15.7
50°-60°	1180.3	20.8
60°-70°	1300.1	23.0
70°-80°	815.7	14.4
80°-90°	207.7	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°	5664.8	100.0
0°-180°	5664.8	100.0

Coefficient of Utilization



REPORT NUMBER: P181142

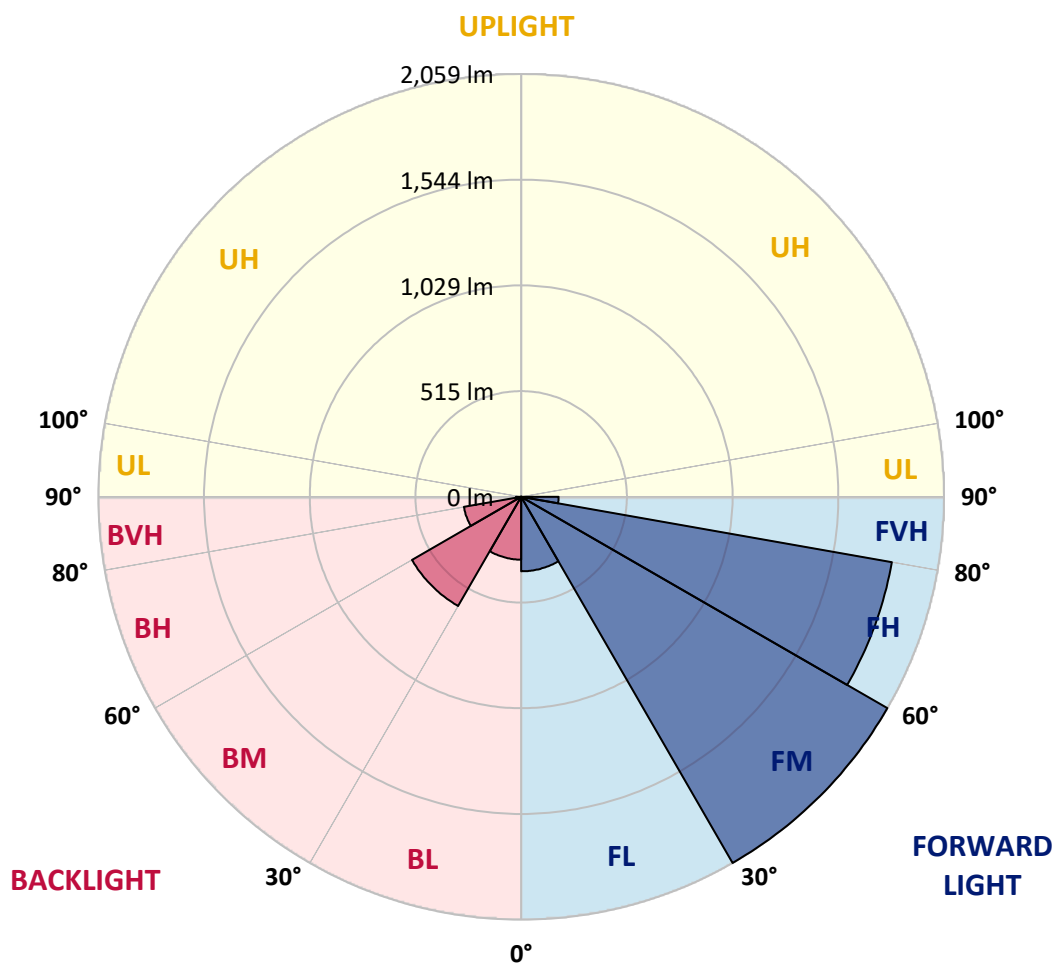
CATALOG NUMBER: ICS-F03-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	362.7	6.4			
FM	(30°-60°)	2058.7	36.3			
FH	(60°-80°)	1832.6	32.4			G2/5000
FVH	(80°-90°)	182.3	3.2			G2/225
BL	(0°-30°)	305.8	5.4	B1/500		
BM	(30°-60°)	614.0	10.8	B1/1000		
BH	(60°-80°)	283.2	5.0	B1/500		G1/500
BVH	(80°-90°)	25.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	702.4	704.4	703.7	703.7	705.1	704.4	704.4	705.1	705.1	707.1	709.8
5°	697.0	696.3	694.9	696.3	696.3	696.3	693.6	695.6	696.3	697.6	697.6
7.5°	703.7	701.7	699.0	699.7	699.7	698.3	696.3	697.0	696.3	696.3	695.6
10°	712.6	707.8	704.4	704.4	704.4	703.1	699.7	701.7	701.7	701.0	701.7
12.5°	728.2	722.7	718.7	717.3	717.3	715.3	712.6	715.3	713.9	713.9	712.6
15°	754.0	747.9	743.1	739.0	739.7	739.7	736.3	734.3	731.6	728.2	721.4
17.5°	792.6	785.9	779.7	776.4	777.0	772.3	762.8	753.3	740.4	727.5	713.2
20°	847.6	845.6	837.4	834.0	825.9	814.4	787.9	765.5	740.4	716.0	691.5
22.5°	942.6	933.1	925.0	912.1	884.9	853.0	808.9	769.6	730.2	695.6	663.0
25°	1070.2	1053.2	1013.2	973.8	918.2	861.2	801.5	750.6	701.7	656.2	616.2
27.5°	1195.7	1144.2	1072.9	1001.7	920.2	845.6	770.9	710.5	653.5	604.0	559.9
30°	1347.8	1260.9	1151.6	1039.0	923.6	823.2	733.6	663.0	597.2	544.9	498.8
32.5°	1490.3	1364.7	1221.5	1073.6	931.1	802.1	690.8	610.8	542.9	477.1	431.6
35°	1588.0	1425.1	1251.4	1077.0	912.8	762.1	637.2	542.9	475.0	414.0	360.4
37.5°	1646.4	1451.6	1252.8	1052.6	870.0	707.8	569.4	475.7	413.3	354.9	312.8
40°	1683.0	1457.7	1235.1	1017.3	815.7	639.3	501.5	417.4	360.4	313.5	281.0
42.5°	1700.6	1448.2	1206.6	972.5	760.7	578.2	454.0	374.6	325.1	291.8	267.4
45°	1703.4	1431.2	1176.1	931.8	711.9	534.1	421.4	357.0	316.2	288.4	264.0
47.5°	1703.4	1416.3	1151.6	901.9	680.0	515.1	418.7	364.4	324.4	293.2	264.0
50°	1704.7	1411.6	1141.5	887.0	669.1	525.3	441.8	387.5	342.0	301.3	263.3
52.5°	1710.8	1417.7	1149.6	898.5	688.8	566.0	485.2	422.1	365.1	310.8	263.3
55°	1724.4	1438.0	1184.2	938.5	741.7	627.7	537.5	459.4	383.4	314.9	259.2
57.5°	1762.4	1489.6	1247.3	1015.9	832.0	699.0	585.0	485.9	390.2	311.5	251.1
60°	1838.4	1592.1	1355.2	1124.5	927.7	760.1	612.8	490.0	384.1	300.6	238.2
62.5°	1959.9	1709.5	1486.2	1242.6	1012.5	794.0	616.2	479.8	367.8	281.0	219.2
63°	2002.0	1738.7	1514.0	1265.0	1023.4	796.7	613.5	475.7	363.7	275.5	216.5
65°	2119.4	1861.5	1610.4	1343.7	1053.9	797.4	598.6	455.4	344.7	254.5	197.5
67.5°	2338.6	2023.0	1731.9	1405.4	1064.8	775.7	560.5	417.4	304.7	221.9	173.7
70°	2477.0	2113.3	1778.7	1406.8	1032.9	713.9	494.7	355.6	253.8	183.9	149.3
72.5°	2441.0	2024.4	1655.2	1279.9	895.1	596.5	397.7	279.6	198.2	147.3	124.2
75°	2090.9	1685.0	1350.5	991.5	676.6	438.4	291.1	199.5	146.6	115.4	103.8
77.5°	1505.2	1212.7	968.4	706.5	456.0	283.7	193.4	142.5	111.3	95.0	85.5
80°	958.9	711.2	592.4	424.8	266.7	175.8	133.0	107.9	91.6	79.4	73.3
82.5°	500.8	350.9	285.0	217.2	147.9	116.0	97.7	88.2	75.3	65.8	62.4
85°	312.2	207.0	153.4	107.2	74.0	66.5	61.1	59.7	53.6	47.5	45.5
87.5°	35.3	31.9	33.3	21.0	15.6	17.0	16.3	21.7	21.0	15.6	16.3
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°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	707.1	708.5	708.5	710.5	710.5	711.9	713.2	713.2	714.6	715.3	716.6
5°	699.0	699.0	699.0	701.7	702.4	706.5	707.8	709.2	710.5	715.3	718.0
7.5°	697.0	694.2	695.6	695.6	697.6	701.0	704.4	706.5	708.5	714.6	718.7
10°	701.0	699.0	697.0	697.0	697.6	699.0	701.7	703.7	705.1	711.2	714.6
12.5°	711.9	707.1	703.1	699.7	697.0	696.3	694.9	695.6	697.0	700.3	705.1
15°	713.9	705.1	696.3	687.5	680.7	676.6	673.2	671.8	671.8	673.9	679.3
17.5°	700.3	685.4	672.5	661.0	653.5	646.1	642.7	639.9	638.6	641.3	642.0
20°	671.2	653.5	635.9	622.3	608.7	606.7	601.3	602.6	604.0	608.1	610.1
22.5°	631.1	610.1	588.4	574.1	563.3	553.8	547.7	550.4	552.4	556.5	558.5
25°	582.3	551.7	528.7	514.4	502.9	494.7	487.9	490.7	487.9	492.7	500.2
27.5°	524.6	488.6	464.2	447.9	439.8	433.0	426.2	426.2	433.0	433.0	439.1
30°	454.7	428.2	396.3	379.4	369.2	365.1	364.4	363.1	367.8	370.5	377.3
32.5°	388.9	356.3	325.7	309.5	300.6	295.9	296.6	297.2	299.3	303.3	314.2
35°	322.3	293.8	272.1	253.8	245.0	236.2	236.2	234.8	236.8	241.6	254.5
37.5°	279.6	254.5	237.5	223.3	214.4	209.0	204.3	202.2	202.2	204.3	209.0
40°	255.8	237.5	221.9	209.7	201.6	196.8	194.1	192.1	190.7	190.7	191.4
42.5°	245.0	226.0	210.4	199.5	193.4	190.7	190.0	189.3	187.3	186.6	185.9
45°	239.6	217.8	200.2	191.4	186.6	185.3	185.9	185.9	185.3	183.9	181.2
47.5°	235.5	210.4	192.7	184.6	182.6	182.6	182.6	182.6	181.9	181.2	179.2
50°	228.7	198.8	179.8	173.7	172.4	172.4	173.1	173.1	174.4	173.1	171.7
52.5°	221.2	188.0	169.0	163.6	162.9	162.2	162.2	162.2	162.9	162.9	162.2
55°	213.1	179.8	163.6	159.5	160.2	159.5	158.8	158.1	158.1	157.4	156.1
57.5°	204.9	173.1	159.5	156.8	157.4	157.4	156.1	154.7	154.0	152.0	150.7
60°	192.7	163.6	151.3	150.0	152.0	152.0	152.0	151.3	151.3	150.7	147.3
62.5°	176.4	150.0	140.5	141.2	141.8	143.2	143.2	143.2	143.2	141.8	138.4
63°	173.1	147.3	138.4	138.4	140.5	140.5	141.2	140.5	141.2	139.8	135.7
65°	159.5	138.4	131.7	132.3	133.7	133.7	133.7	133.0	133.0	131.0	128.9
67.5°	143.9	127.6	123.5	124.2	124.9	126.2	125.5	125.5	126.2	124.9	122.8
70°	126.2	116.0	113.3	114.0	114.7	114.7	114.0	114.0	114.7	113.3	111.3
72.5°	112.7	108.6	106.5	106.5	105.2	105.2	103.8	103.2	102.5	102.5	100.4
75°	95.0	94.3	95.0	96.4	95.0	93.7	93.0	90.9	89.6	89.6	88.9
77.5°	81.4	81.4	82.8	84.8	85.5	85.5	83.5	80.1	79.4	79.4	79.4
80°	70.6	69.2	69.2	71.3	73.3	72.6	69.2	65.8	65.8	69.2	69.9
82.5°	61.8	61.8	59.7	60.4	59.7	59.0	55.6	53.6	52.9	55.6	58.4
85°	48.9	49.5	48.9	48.2	47.5	45.5	42.8	40.7	40.0	42.8	46.8
87.5°	19.7	19.0	18.3	19.0	18.3	19.7	19.0	17.6	17.0	19.0	23.1
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°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	717.3	718.7	720.0	720.0	721.4	720.7	721.4	722.1	722.1	722.7	722.7
5°	721.4	723.4	726.1	728.8	729.5	731.6	733.6	732.2	734.3	737.0	737.0
7.5°	722.7	727.5	729.5	733.6	734.3	737.0	741.7	738.4	742.4	744.5	745.1
10°	720.7	725.5	728.8	733.6	735.6	740.4	745.1	743.8	748.5	751.9	752.6
12.5°	708.5	713.2	720.7	727.5	732.9	740.4	749.2	746.5	753.3	757.4	759.4
15°	684.7	689.5	697.6	708.5	718.7	730.2	741.7	743.8	750.6	755.3	757.4
17.5°	647.4	653.5	662.3	673.9	686.8	706.5	721.4	728.8	738.4	741.1	744.5
20°	612.8	618.9	624.3	631.1	640.6	659.6	679.3	694.2	706.5	716.6	719.3
22.5°	566.7	572.1	578.9	584.3	591.1	604.7	620.9	637.9	656.9	663.0	669.8
25°	511.0	514.4	523.9	527.3	532.0	543.6	556.5	568.7	587.0	599.9	603.3
27.5°	451.3	454.7	463.5	465.5	471.6	482.5	492.0	496.8	513.7	527.3	538.2
30°	382.1	390.9	401.7	403.1	409.9	416.7	425.5	430.3	445.9	460.1	473.7
32.5°	322.3	331.2	340.0	345.4	348.8	354.2	363.1	367.8	382.7	395.6	409.2
35°	261.3	272.1	281.6	289.1	291.8	298.6	305.4	310.1	325.7	337.3	346.8
37.5°	215.1	223.3	233.4	240.9	248.4	253.1	261.3	268.1	277.6	283.7	293.8
40°	192.7	196.8	202.2	208.3	214.4	219.9	226.0	231.4	237.5	245.7	252.5
42.5°	185.3	185.9	185.9	188.0	191.4	194.1	199.5	203.6	207.7	213.8	217.2
45°	179.8	179.2	177.8	176.4	177.1	178.5	181.9	184.6	189.3	192.1	192.7
47.5°	177.1	174.4	171.7	169.7	169.0	169.7	172.4	175.1	177.8	179.8	180.5
50°	168.3	166.3	162.2	159.5	158.1	159.5	162.9	164.2	166.9	169.0	169.7
52.5°	159.5	156.8	154.0	151.3	151.3	152.0	154.7	157.4	160.2	160.8	162.2
55°	154.0	150.0	147.3	145.2	143.9	145.9	147.9	151.3	154.7	155.4	156.8
57.5°	148.6	144.5	141.8	139.8	138.4	140.5	142.5	147.3	151.3	151.3	151.3
60°	145.2	141.8	137.8	135.7	133.7	135.7	138.4	143.2	147.3	146.6	145.9
62.5°	135.7	132.3	130.3	130.3	128.3	131.7	134.4	139.8	140.5	139.1	137.8
63°	133.0	130.3	128.9	128.9	127.6	131.0	133.7	138.4	138.4	137.1	135.7
65°	126.2	124.2	122.8	124.2	124.2	127.6	128.3	131.7	131.0	128.9	128.3
67.5°	120.8	119.4	118.1	118.1	118.1	118.8	119.4	120.8	120.1	119.4	120.1
70°	112.0	111.3	109.9	109.9	109.3	109.3	109.3	109.9	109.9	110.6	111.3
72.5°	101.1	99.8	99.8	100.4	99.1	99.8	100.4	99.8	101.1	101.1	101.8
75°	88.9	88.2	89.6	90.9	90.3	90.3	90.9	90.9	91.6	91.6	92.3
77.5°	79.4	80.1	80.8	82.1	82.8	82.8	82.8	82.1	82.8	82.8	83.5
80°	70.6	71.9	73.3	74.6	75.3	75.3	75.3	74.6	74.6	74.6	74.6
82.5°	63.8	65.8	67.2	67.9	67.9	67.9	67.9	67.9	67.9	66.5	65.1
85°	53.6	57.7	57.7	58.4	56.3	55.0	53.6	54.3	55.0	52.3	51.6
87.5°	27.1	27.1	28.5	29.9	30.5	30.5	34.6	32.6	31.9	31.2	29.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: ICS-F03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	723.4	722.7	724.1	722.7	723.4	724.1	722.7	724.8	726.1	724.1	722.1
5°	738.4	738.4	741.7	743.1	743.8	747.9	745.8	747.2	748.5	747.9	748.5
7.5°	747.9	750.6	754.0	757.4	758.0	761.4	760.7	762.8	764.1	767.5	767.5
10°	756.0	759.4	764.1	767.5	770.9	773.6	775.0	779.1	779.7	782.5	782.5
12.5°	763.5	767.5	772.3	777.7	781.1	786.5	787.2	793.3	795.4	796.0	794.0
15°	762.1	766.9	772.3	778.4	784.5	791.3	795.4	801.5	804.9	806.2	802.8
17.5°	749.2	753.3	760.1	768.2	775.7	784.5	792.0	800.8	806.2	807.6	806.9
20°	724.1	726.8	735.6	746.5	755.3	768.9	779.7	793.3	802.1	808.9	811.0
22.5°	674.6	681.3	690.2	702.4	715.3	732.2	747.9	767.5	786.5	802.8	819.1
25°	614.8	627.1	640.6	656.9	672.5	690.2	707.8	730.2	758.0	792.0	830.6
27.5°	554.4	575.5	592.4	613.5	631.8	649.4	669.1	693.6	724.1	764.8	814.4
30°	493.4	517.1	535.4	559.9	584.3	608.1	627.7	653.5	683.4	724.8	779.1
32.5°	428.2	452.0	473.7	496.1	523.2	551.7	575.5	607.4	639.3	682.0	737.0
35°	361.0	382.1	400.4	424.1	454.0	484.5	515.8	552.4	587.0	631.8	690.2
37.5°	302.7	317.6	335.2	356.3	379.4	411.9	447.2	490.7	530.0	578.9	638.6
40°	254.5	262.6	272.8	290.5	311.5	343.4	378.0	424.1	471.6	525.3	582.9
42.5°	217.2	221.2	223.9	235.5	252.5	283.7	316.9	361.7	414.0	472.3	530.7
45°	192.7	194.8	195.4	201.6	213.8	240.9	275.5	313.5	363.7	420.8	481.8
47.5°	181.2	183.2	184.6	185.9	193.4	214.4	245.7	281.6	327.8	380.0	442.5
50°	171.7	173.7	175.8	175.1	178.5	192.1	218.5	251.8	295.2	343.4	405.1
52.5°	162.2	163.6	163.6	163.6	165.6	174.4	193.4	223.9	264.0	309.5	370.5
55°	156.8	158.1	158.8	159.5	160.2	164.9	179.2	203.6	238.2	280.3	335.2
57.5°	151.3	152.0	153.4	154.0	155.4	158.1	166.9	184.6	213.8	249.1	295.2
60°	146.6	147.9	150.7	151.3	152.7	153.4	157.4	168.3	187.3	214.4	251.8
62.5°	139.1	141.2	143.9	144.5	145.9	146.6	147.3	153.4	162.2	178.5	206.3
63°	137.1	139.1	142.5	143.2	143.9	143.9	144.5	148.6	156.8	171.0	191.4
65°	129.6	132.3	134.4	135.0	135.7	135.7	135.0	136.4	137.1	143.2	155.4
67.5°	121.5	123.5	124.9	125.5	124.9	125.5	124.9	123.5	122.2	123.5	128.9
70°	113.3	114.7	114.7	115.4	116.0	116.7	115.4	114.0	112.7	112.0	115.4
72.5°	103.8	105.2	105.2	105.9	105.9	107.2	107.2	106.5	106.5	107.2	107.9
75°	94.3	95.7	95.0	96.4	96.4	98.4	98.4	99.1	100.4	99.8	99.1
77.5°	85.5	86.2	86.2	86.9	87.5	90.9	93.0	93.7	93.7	92.3	90.9
80°	76.0	76.0	74.6	74.0	74.6	78.0	82.1	82.8	84.8	84.2	84.8
82.5°	63.8	61.1	59.0	59.0	60.4	62.4	63.8	65.1	66.5	66.5	67.9
85°	48.9	46.1	44.1	44.8	46.8	47.5	46.8	46.8	49.5	51.6	49.5
87.5°	29.2	26.5	25.1	23.1	23.8	25.8	25.1	23.1	23.8	19.0	17.6
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°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9
2.5°	723.4	722.7	721.4	719.3	718.7	717.3	718.0	716.0	714.6	713.2	711.2
5°	748.5	748.5	744.5	744.5	742.4	741.7	737.0	735.0	730.9	732.2	727.5
7.5°	766.2	768.2	763.5	762.8	760.1	759.4	753.3	751.2	747.9	746.5	742.4
10°	779.1	779.1	773.0	768.2	764.8	761.4	755.3	752.6	749.9	750.6	747.9
12.5°	789.2	784.5	775.7	768.9	764.1	760.7	756.0	754.0	753.3	758.0	758.7
15°	797.4	790.6	779.7	775.0	770.9	770.2	770.2	772.3	777.0	785.9	792.6
17.5°	802.1	798.1	792.6	791.3	798.1	802.1	807.6	813.7	820.5	832.7	840.1
20°	811.0	813.7	817.8	823.2	834.0	844.2	851.0	859.8	868.0	882.9	895.1
22.5°	834.0	849.6	862.5	873.4	889.7	903.9	912.8	925.0	931.1	941.3	960.3
25°	863.9	895.8	922.9	946.0	971.1	986.1	998.3	1013.9	1023.4	1040.3	1057.3
27.5°	855.1	900.5	941.3	984.0	1018.6	1057.3	1084.5	1110.2	1126.5	1151.6	1174.0
30°	827.9	882.2	937.2	993.5	1048.5	1104.1	1155.7	1202.5	1238.5	1274.5	1311.1
32.5°	791.3	853.7	920.9	990.1	1062.1	1139.4	1210.7	1281.3	1341.0	1393.2	1444.1
35°	749.2	819.8	889.7	975.2	1064.1	1162.5	1261.6	1359.3	1450.2	1542.5	1605.0
37.5°	699.0	770.9	849.0	947.4	1051.9	1173.4	1299.6	1427.2	1556.1	1680.3	1788.2
40°	645.4	718.7	800.8	907.3	1025.4	1166.6	1324.0	1495.7	1672.8	1852.7	1995.9
42.5°	597.9	673.2	762.8	870.7	998.9	1157.7	1343.7	1554.7	1771.2	1993.8	2204.2
45°	551.7	634.5	728.8	844.9	987.4	1164.5	1372.9	1609.7	1859.4	2129.5	2386.1
47.5°	510.3	594.5	686.1	813.0	970.4	1167.9	1401.4	1664.7	1942.9	2235.4	2540.1
50°	473.0	554.4	644.7	772.3	944.0	1165.9	1427.2	1714.2	2014.9	2318.9	2658.9
52.5°	436.4	519.2	611.4	732.9	911.4	1154.4	1439.4	1754.9	2081.4	2403.0	2754.6
55°	400.4	481.8	574.8	695.6	868.6	1124.5	1438.0	1781.4	2134.3	2482.4	2846.9
57.5°	358.3	435.7	526.6	654.2	823.2	1078.3	1417.7	1793.6	2179.8	2561.2	2957.5
60°	306.1	378.7	466.2	593.8	763.5	1019.3	1374.9	1786.8	2206.2	2619.5	3051.8
62.5°	241.6	304.7	384.8	509.7	688.8	934.5	1294.8	1725.1	2164.2	2611.4	3095.9
63°	228.0	287.7	365.8	489.3	656.9	911.4	1271.1	1700.6	2143.8	2594.4	3089.8
65°	183.2	221.9	284.3	395.0	549.7	798.1	1153.0	1575.1	2034.5	2475.0	3001.6
67.5°	140.5	160.2	193.4	270.8	388.9	627.7	933.8	1334.9	1765.8	2179.8	2717.2
70°	120.1	128.9	143.2	179.8	247.0	396.3	655.6	995.6	1368.8	1727.8	2211.0
72.5°	109.3	113.3	120.8	136.4	169.7	237.5	418.0	648.1	931.1	1231.7	1605.0
75°	100.4	103.8	109.9	118.1	130.3	158.1	238.2	396.3	605.3	808.9	1083.1
77.5°	91.6	93.7	100.4	107.9	116.0	130.3	157.4	228.0	348.1	477.1	652.8
80°	84.2	82.8	87.5	99.8	107.9	116.0	124.2	147.9	198.2	261.3	352.9
82.5°	67.2	68.5	72.6	84.8	88.2	86.2	87.5	91.6	110.6	120.8	180.5
85°	45.5	42.1	41.4	42.8	42.8	40.7	40.7	40.0	44.1	50.2	86.2
87.5°	12.2	6.1	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°	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	711.9	0°
2.5°	709.8	709.2	709.8	706.5	706.5	705.8	705.1	703.7	703.7	701.0	703.1	2.5°
5°	723.4	722.1	719.3	715.3	713.2	710.5	710.5	707.8	705.8	703.1	703.7	5°
7.5°	739.0	739.7	735.0	731.6	730.2	727.5	728.2	724.1	724.8	722.7	721.4	7.5°
10°	747.9	747.9	749.2	748.5	749.9	749.9	751.9	749.2	747.9	745.8	745.8	10°
12.5°	762.1	764.8	770.2	770.2	774.3	775.7	776.4	777.7	775.0	773.6	768.9	12.5°
15°	797.4	804.2	808.9	815.7	823.9	826.6	826.6	823.9	822.5	820.5	811.6	15°
17.5°	855.8	870.7	874.8	885.6	887.0	890.4	899.9	894.4	891.0	876.8	874.1	17.5°
20°	915.5	934.5	953.5	967.0	973.8	987.4	989.4	986.7	973.2	959.6	953.5	20°
22.5°	987.4	1015.9	1037.6	1058.7	1068.8	1075.6	1090.6	1087.2	1076.3	1055.9	1047.8	22.5°
25°	1089.2	1124.5	1147.6	1173.4	1186.9	1193.7	1208.6	1208.6	1197.1	1191.0	1190.3	25°
27.5°	1217.5	1260.9	1298.9	1307.7	1343.0	1351.2	1365.4	1365.4	1354.5	1347.1	1383.1	27.5°
30°	1360.0	1405.4	1471.3	1515.4	1558.1	1600.2	1599.5	1602.2	1615.1	1621.9	1637.5	30°
32.5°	1502.5	1558.8	1628.7	1724.4	1816.0	1894.1	1995.2	2059.6	2040.0	1985.0	1963.3	32.5°
35°	1675.5	1738.0	1822.8	1919.2	2086.8	2187.9	2236.8	2271.4	2275.4	2282.9	2298.5	35°
37.5°	1868.3	1972.8	2071.2	2180.4	2273.4	2396.2	2509.6	2600.5	2621.6	2664.3	2639.9	37.5°
40°	2111.9	2228.6	2331.8	2472.9	2597.8	2745.7	2907.9	3032.8	3083.0	3066.7	2944.6	40°
42.5°	2367.1	2511.6	2632.4	2798.7	2960.9	3156.3	3323.9	3498.3	3529.6	3404.0	3221.5	42.5°
45°	2601.9	2781.0	2931.0	3104.1	3302.2	3536.3	3760.3	3939.5	3933.3	3718.2	3473.9	45°
47.5°	2812.9	3032.8	3216.0	3441.3	3654.4	3933.3	4190.5	4322.9	4244.8	3990.4	3691.1	47.5°
50°	2987.3	3261.5	3487.5	3715.5	3986.3	4322.2	4569.9	4644.6	4493.9	4217.0	3902.1	50°
52.5°	3127.8	3471.9	3725.7	3988.3	4330.3	4683.9	4897.0	4869.2	4674.4	4390.1	4076.5	52.5°
55°	3246.6	3632.7	3935.4	4245.5	4669.7	4995.4	5137.2	5062.6	4790.5	4502.0	4196.0	55°
57.5°	3369.4	3788.8	4128.1	4487.8	4960.1	5239.7	5318.4	5165.1	4845.4	4544.8	4247.6	57.5°
60°	3492.2	3919.1	4298.4	4699.5	5180.0	5439.2	5417.5	5188.1	4829.1	4513.6	4212.9	60°
62.5°	3575.0	3996.5	4397.5	4829.8	5344.9	5541.0	5408.0	5106.0	4734.8	4390.7	4109.8	62.5°
63°	3577.1	3999.2	4403.6	4838.6	5363.2	5544.4	5389.7	5076.8	4704.9	4365.6	4079.3	63°
65°	3534.3	3948.3	4349.3	4798.6	5347.6	5466.4	5231.6	4904.5	4534.6	4191.9	3920.5	65°
67.5°	3315.8	3737.9	4092.1	4515.6	5068.0	5101.9	4808.1	4544.1	4211.6	3856.7	3573.0	67.5°
70°	2875.4	3226.2	3573.7	3927.2	4390.7	4384.6	4108.4	3974.1	3682.9	3278.5	3051.1	70°
72.5°	2287.0	2601.9	2846.2	3083.0	3388.4	3326.6	3148.8	3186.2	2997.5	2695.5	2560.5	72.5°
75°	1697.9	2044.0	2163.5	2259.8	2388.8	2389.5	2438.3	2544.2	2541.5	2373.9	2203.5	75°
77.5°	1113.6	1492.3	1532.3	1609.7	1764.4	1974.8	2192.0	2425.4	2483.8	2351.5	2099.7	77.5°
80°	620.9	1014.6	968.4	1034.9	1201.9	1487.6	1807.9	2065.8	2217.8	2143.8	1877.1	80°
82.5°	317.6	585.0	559.2	651.5	786.5	1034.9	1246.6	1444.8	1624.0	1613.8	1512.7	82.5°
85°	164.9	320.3	364.4	412.6	480.5	569.4	649.4	707.1	781.8	913.4	958.2	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	48.9	35.3	97.0	138.4	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°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
711.9	711.9	711.9	711.9	711.9	711.9	711.9
703.7	704.4	703.1	703.1	703.7	703.7	702.4
702.4	702.4	701.0	699.7	698.3	698.3	697.0
718.0	718.0	713.2	711.2	707.8	705.1	703.7
741.1	737.0	731.6	727.5	722.1	716.0	712.6
764.1	758.0	751.2	745.1	738.4	731.6	728.2
802.1	794.0	785.2	777.7	768.2	758.0	754.0
860.5	847.6	836.1	825.2	808.2	800.8	792.6
937.9	918.9	903.9	885.6	864.6	857.8	847.6
1031.5	1015.2	985.4	971.8	950.8	940.6	942.6
1174.0	1153.0	1118.4	1105.5	1103.5	1081.1	1070.2
1360.0	1361.3	1329.4	1294.8	1275.8	1240.5	1195.7
1624.6	1606.3	1569.0	1533.7	1488.9	1422.4	1347.8
1945.0	1904.2	1842.5	1776.7	1697.3	1594.8	1490.3
2257.8	2186.5	2088.1	1978.2	1863.5	1735.9	1588.0
2532.7	2422.0	2274.8	2148.5	1986.4	1826.9	1646.4
2783.7	2646.7	2456.6	2293.1	2101.7	1896.8	1683.0
3026.7	2853.0	2620.2	2399.0	2182.5	1943.6	1700.6
3258.1	3034.2	2758.0	2494.6	2241.5	1974.1	1703.4
3435.9	3191.6	2881.5	2563.9	2282.2	1997.2	1703.4
3600.8	3324.6	2975.8	2618.2	2320.2	2012.8	1704.7
3729.1	3418.3	3036.9	2656.8	2350.1	2024.4	1710.8
3822.0	3479.3	3077.6	2680.6	2371.8	2040.6	1724.4
3887.2	3519.4	3100.0	2701.6	2398.3	2069.1	1762.4
3918.4	3593.4	3137.3	2743.7	2443.8	2129.5	1838.4
3894.7	3708.0	3243.9	2815.0	2506.9	2223.9	1959.9
3884.5	3729.1	3273.0	2830.6	2521.1	2244.2	2002.0
3805.1	3750.1	3393.2	2909.3	2589.0	2334.5	2119.4
3558.7	3667.3	3494.3	3042.3	2734.9	2553.7	2338.6
3239.8	3544.5	3475.9	3059.3	2827.9	2733.5	2477.0
2857.7	3173.3	3109.5	2833.3	2725.4	2735.6	2441.0
2249.0	2485.8	2443.8	2346.7	2368.4	2443.1	2090.9
1801.8	1769.9	1672.8	1679.6	1805.2	1892.7	1505.2
1472.0	1191.7	1065.5	1068.8	1288.0	1379.0	958.9
1400.7	1127.2	918.2	802.1	937.2	902.6	500.8
997.6	999.6	829.3	673.9	652.8	555.1	312.2
236.2	189.3	135.0	100.4	105.9	69.9	35.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)