

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: P181133

Luminaire Tested: **ICS-F02-LED-E1-SLR**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181133  
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-F02-LED-E1-SLR  
Description: ICON SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (14) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4134.8 lumens  
Efficiency: N/A  
Efficacy: 75.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

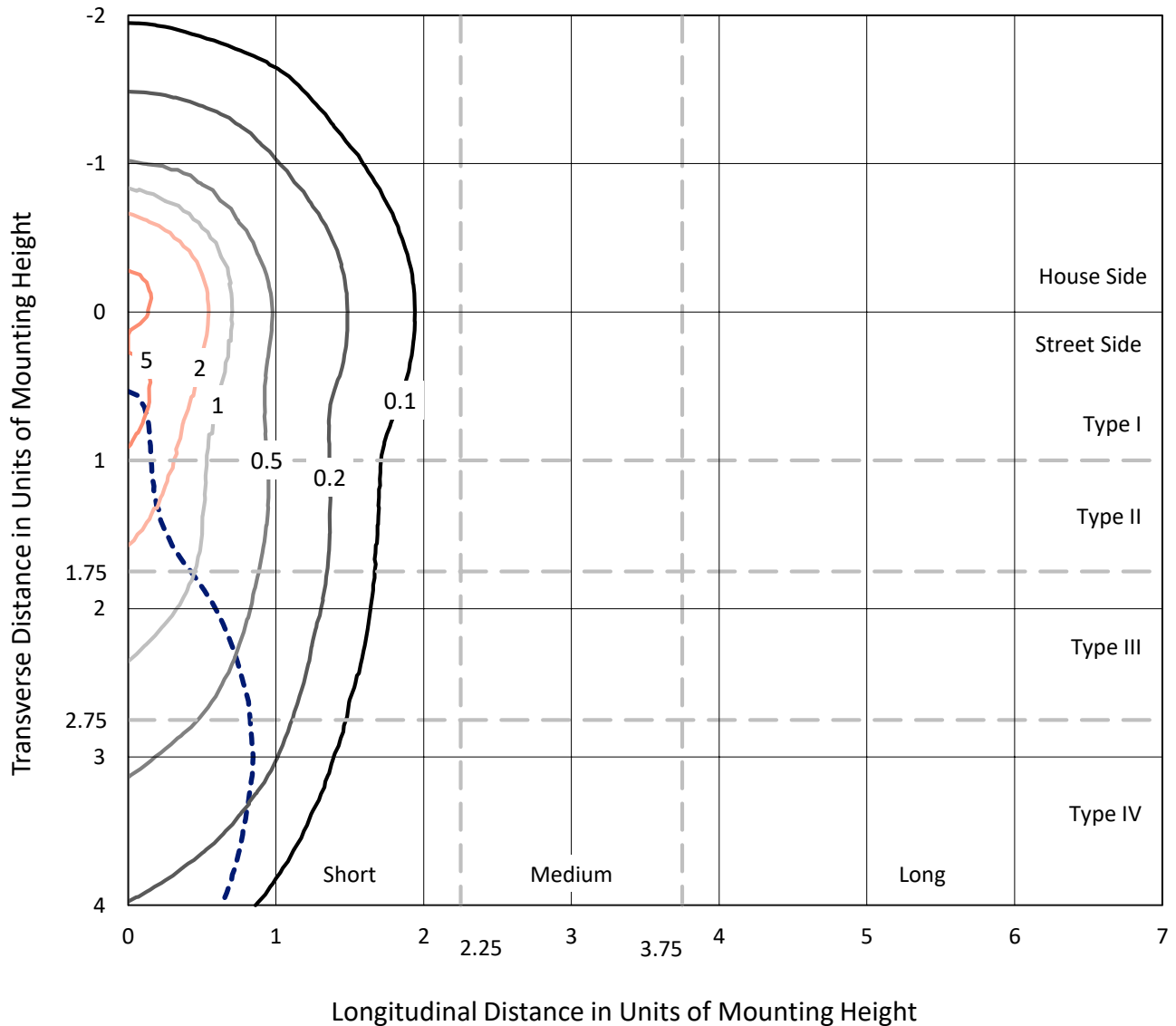
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P181133  
 CATALOG NUMBER: ICS-F02-LED-E1-SLR

### Iso-Footcandle Lines of Horizontal Illumination

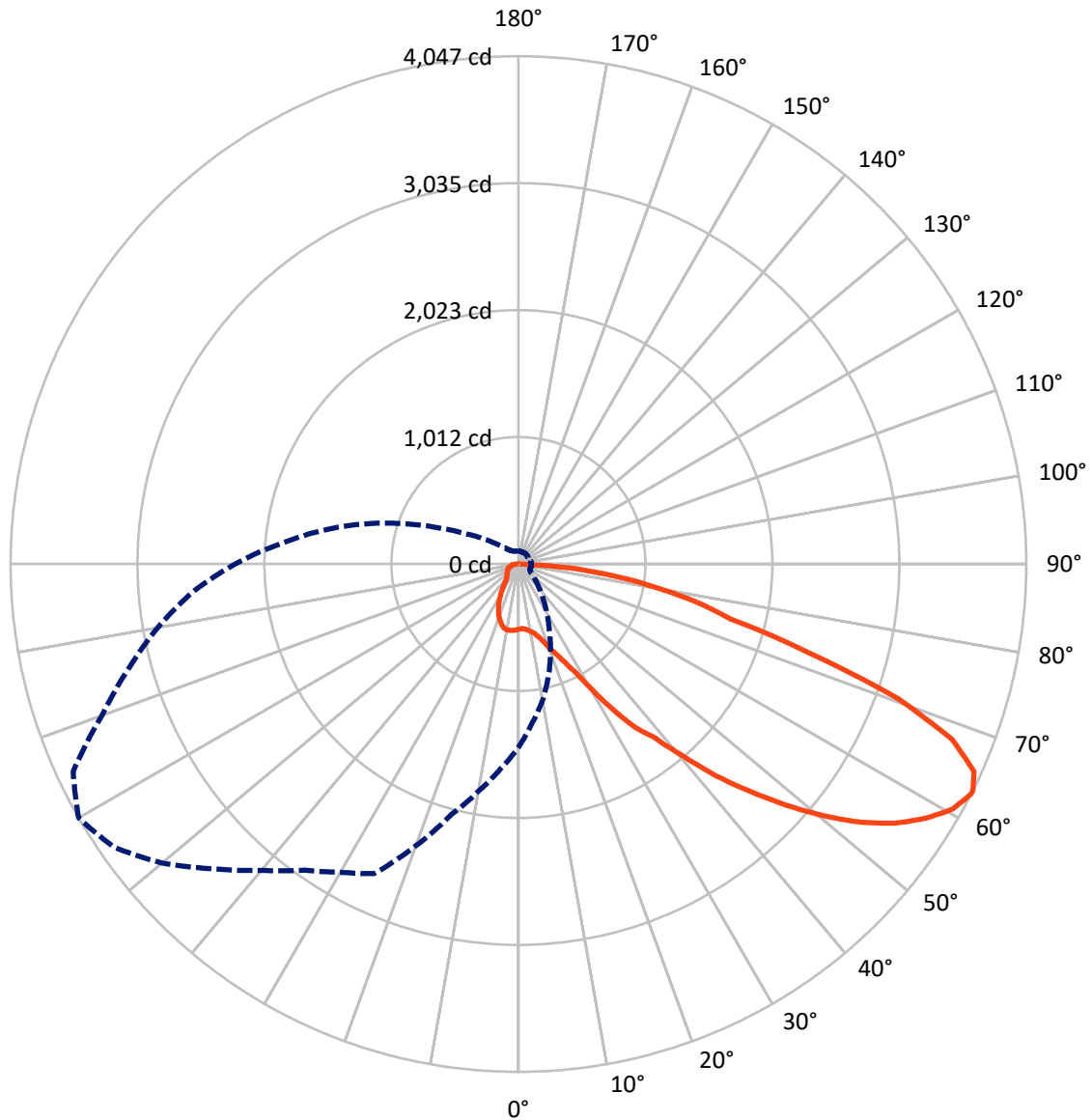
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.5 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181133  
CATALOG NUMBER: ICS-F02-LED-E1-SLR

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

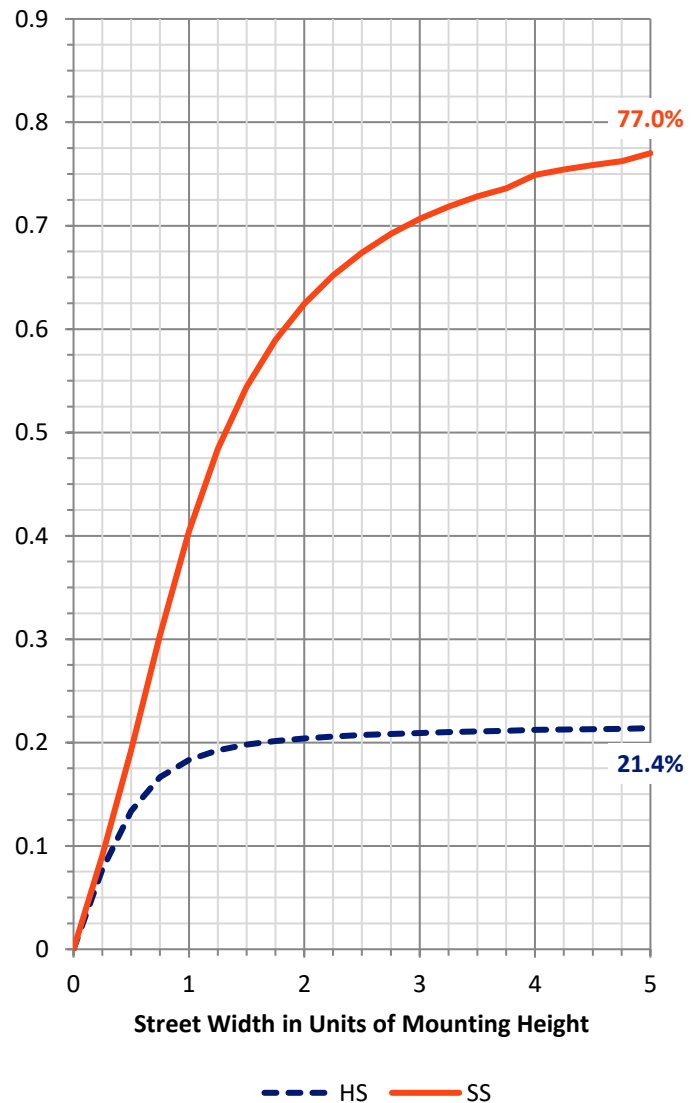
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	896.6	0.0	896.6
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	3238.2	0.0	3238.2
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	4134.8	0.0	4134.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.6	1.2
10°-20°	157.5	3.8
20°-30°	279.9	6.8
30°-40°	440.7	10.7
40°-50°	648.6	15.7
50°-60°	861.5	20.8
60°-70°	949.0	23.0
70°-80°	595.4	14.4
80°-90°	151.6	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°	4134.8	100.0
0°-180°	4134.8	100.0



REPORT NUMBER: P181133

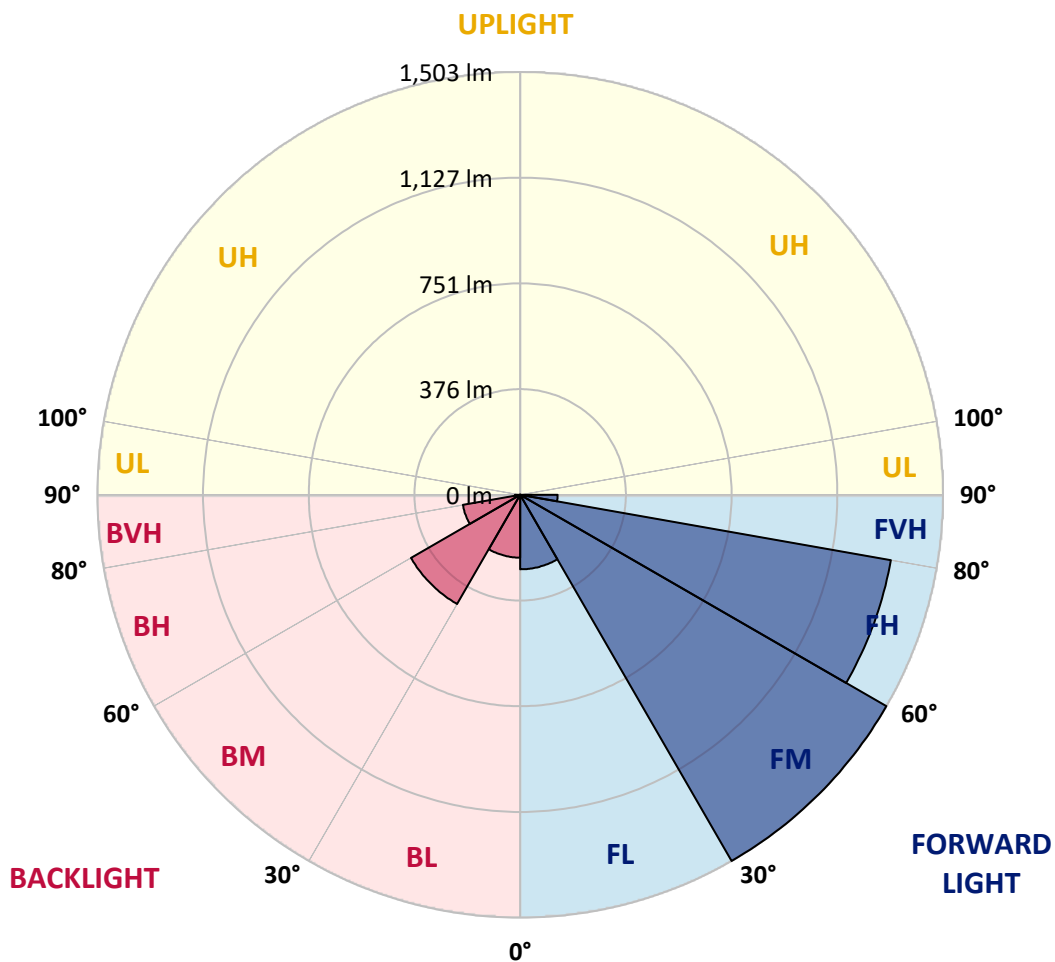
CATALOG NUMBER: ICS-F02-LED-E1-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	264.8	6.4			
FM (30°-60°)	1502.7	36.3			
FH (60°-80°)	1337.7	32.4			G1/1800
FVH (80°-90°)	133.1	3.2			G2/225
BL (0°-30°)	223.2	5.4	B1/500		
BM (30°-60°)	448.1	10.8	B1/1000		
BH (60°-80°)	206.7	5.0	B1/500		G1/500
BVH (80°-90°)	18.6	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





REPORT NUMBER: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	512.7	514.2	513.7	513.7	514.7	514.2	514.2	514.7	514.7	516.1	518.1
5°	508.7	508.2	507.2	508.2	508.2	508.2	506.2	507.7	508.2	509.2	509.2
7.5°	513.7	512.2	510.2	510.7	510.7	509.7	508.2	508.7	508.2	508.2	507.7
10°	520.1	516.6	514.2	514.2	514.2	513.2	510.7	512.2	512.2	511.7	512.2
12.5°	531.5	527.5	524.6	523.6	523.6	522.1	520.1	522.1	521.1	521.1	520.1
15°	550.3	545.9	542.4	539.4	539.9	539.9	537.4	536.0	534.0	531.5	526.5
17.5°	578.6	573.6	569.1	566.7	567.2	563.7	556.8	549.8	540.4	531.0	520.6
20°	618.7	617.2	611.3	608.8	602.8	594.4	575.1	558.7	540.4	522.6	504.8
22.5°	688.0	681.1	675.2	665.7	645.9	622.6	590.4	561.7	533.0	507.7	483.9
25°	781.2	768.8	739.5	710.8	670.2	628.6	585.0	547.8	512.2	479.0	449.8
27.5°	872.8	835.1	783.1	731.1	671.7	617.2	562.7	518.6	477.0	440.9	408.7
30°	983.7	920.3	840.6	758.4	674.2	600.8	535.5	483.9	435.9	397.8	364.1
32.5°	1087.8	996.1	891.6	783.6	679.6	585.5	504.3	445.8	396.3	348.2	315.0
35°	1159.1	1040.2	913.4	786.1	666.2	556.3	465.1	396.3	346.7	302.2	263.0
37.5°	1201.7	1059.5	914.4	768.3	635.0	516.6	415.6	347.2	301.7	259.1	228.4
40°	1228.4	1064.0	901.5	742.5	595.4	466.6	366.1	304.6	263.0	228.8	205.1
42.5°	1241.3	1057.1	880.7	709.8	555.3	422.0	331.4	273.4	237.3	213.0	195.2
45°	1243.3	1044.7	858.4	680.1	519.6	389.8	307.6	260.5	230.8	210.5	192.7
47.5°	1243.3	1033.8	840.6	658.3	496.3	376.0	305.6	266.0	236.8	214.0	192.7
50°	1244.3	1030.3	833.2	647.4	488.4	383.4	322.5	282.8	249.7	219.9	192.2
52.5°	1248.8	1034.8	839.1	655.8	502.8	413.1	354.2	308.1	266.5	226.9	192.2
55°	1258.7	1049.6	864.4	685.1	541.4	458.2	392.3	335.3	279.9	229.8	189.2
57.5°	1286.4	1087.3	910.4	741.5	607.3	510.2	427.0	354.7	284.8	227.4	183.3
60°	1341.9	1162.1	989.2	820.8	677.1	554.8	447.3	357.6	280.4	219.4	173.9
62.5°	1430.5	1247.8	1084.8	907.0	739.1	579.6	449.8	350.2	268.5	205.1	160.0
63°	1461.3	1269.1	1105.1	923.3	747.0	581.5	447.8	347.2	265.5	201.1	158.0
65°	1547.0	1358.7	1175.4	980.8	769.3	582.0	436.9	332.4	251.6	185.8	144.1
67.5°	1706.9	1476.6	1264.1	1025.9	777.2	566.2	409.2	304.6	222.4	162.0	126.8
70°	1808.0	1542.5	1298.3	1026.8	753.9	521.1	361.1	259.6	185.3	134.2	109.0
72.5°	1781.7	1477.6	1208.1	934.2	653.4	435.4	290.3	204.1	144.6	107.5	90.6
75°	1526.1	1229.9	985.7	723.7	493.9	320.0	212.5	145.6	107.0	84.2	75.8
77.5°	1098.7	885.2	706.9	515.7	332.9	207.1	141.2	104.0	81.2	69.3	62.4
80°	699.9	519.1	432.4	310.1	194.7	128.3	97.1	78.8	66.9	58.0	53.5
82.5°	365.6	256.1	208.0	158.5	108.0	84.7	71.3	64.4	55.0	48.0	45.6
85°	227.9	151.1	111.9	78.3	54.0	48.5	44.6	43.6	39.1	34.7	33.2
87.5°	25.8	23.3	24.3	15.4	11.4	12.4	11.9	15.9	15.4	11.4	11.9
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: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	516.1	517.1	517.1	518.6	518.6	519.6	520.6	520.6	521.6	522.1	523.1
5°	510.2	510.2	510.2	512.2	512.7	515.7	516.6	517.6	518.6	522.1	524.1
7.5°	508.7	506.7	507.7	507.7	509.2	511.7	514.2	515.7	517.1	521.6	524.6
10°	511.7	510.2	508.7	508.7	509.2	510.2	512.2	513.7	514.7	519.1	521.6
12.5°	519.6	516.1	513.2	510.7	508.7	508.2	507.2	507.7	508.7	511.2	514.7
15°	521.1	514.7	508.2	501.8	496.8	493.9	491.4	490.4	490.4	491.9	495.8
17.5°	511.2	500.3	490.9	482.5	477.0	471.6	469.1	467.1	466.1	468.1	468.6
20°	489.9	477.0	464.1	454.2	444.3	442.8	438.9	439.9	440.9	443.8	445.3
22.5°	460.7	445.3	429.5	419.1	411.1	404.2	399.7	401.7	403.2	406.2	407.7
25°	425.0	402.7	385.9	375.5	367.0	361.1	356.2	358.1	356.2	359.6	365.1
27.5°	382.9	356.6	338.8	326.9	321.0	316.0	311.1	311.1	316.0	316.0	320.5
30°	331.9	312.6	289.3	276.9	269.5	266.5	266.0	265.0	268.5	270.5	275.4
32.5°	283.8	260.1	237.8	225.9	219.4	216.0	216.5	217.0	218.4	221.4	229.3
35°	235.3	214.5	198.6	185.3	178.8	172.4	172.4	171.4	172.9	176.3	185.8
37.5°	204.1	185.8	173.4	163.0	156.5	152.6	149.1	147.6	147.6	149.1	152.6
40°	186.7	173.4	162.0	153.1	147.1	143.6	141.7	140.2	139.2	139.2	139.7
42.5°	178.8	164.9	153.6	145.6	141.2	139.2	138.7	138.2	136.7	136.2	135.7
45°	174.9	159.0	146.1	139.7	136.2	135.2	135.7	135.7	135.2	134.2	132.3
47.5°	171.9	153.6	140.7	134.7	133.2	133.2	133.2	133.2	132.8	132.3	130.8
50°	166.9	145.1	131.3	126.8	125.8	125.8	126.3	126.3	127.3	126.3	125.3
52.5°	161.5	137.2	123.3	119.4	118.9	118.4	118.4	118.4	118.9	118.9	118.4
55°	155.5	131.3	119.4	116.4	116.9	116.4	115.9	115.4	115.4	114.9	113.9
57.5°	149.6	126.3	116.4	114.4	114.9	114.9	113.9	112.9	112.4	111.0	110.0
60°	140.7	119.4	110.5	109.5	111.0	111.0	111.0	110.5	110.5	110.0	107.5
62.5°	128.8	109.5	102.5	103.0	103.5	104.5	104.5	104.5	104.5	103.5	101.0
63°	126.3	107.5	101.0	101.0	102.5	102.5	103.0	102.5	103.0	102.0	99.1
65°	116.4	101.0	96.1	96.6	97.6	97.6	97.6	97.1	97.1	95.6	94.1
67.5°	105.0	93.1	90.2	90.6	91.1	92.1	91.6	91.6	92.1	91.1	89.7
70°	92.1	84.7	82.7	83.2	83.7	83.7	83.2	83.2	83.7	82.7	81.2
72.5°	82.2	79.3	77.8	77.8	76.8	76.8	75.8	75.3	74.8	74.8	73.3
75°	69.3	68.9	69.3	70.3	69.3	68.4	67.9	66.4	65.4	65.4	64.9
77.5°	59.4	59.4	60.4	61.9	62.4	62.4	60.9	58.5	58.0	58.0	58.0
80°	51.5	50.5	50.5	52.0	53.5	53.0	50.5	48.0	48.0	50.5	51.0
82.5°	45.1	45.1	43.6	44.1	43.6	43.1	40.6	39.1	38.6	40.6	42.6
85°	35.7	36.2	35.7	35.2	34.7	33.2	31.2	29.7	29.2	31.2	34.2
87.5°	14.4	13.9	13.4	13.9	13.4	14.4	13.9	12.9	12.4	13.9	16.8
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: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	523.6	524.6	525.6	525.6	526.5	526.1	526.5	527.0	527.0	527.5	527.5
5°	526.5	528.0	530.0	532.0	532.5	534.0	535.5	534.5	536.0	537.9	537.9
7.5°	527.5	531.0	532.5	535.5	536.0	537.9	541.4	538.9	541.9	543.4	543.9
10°	526.1	529.5	532.0	535.5	537.0	540.4	543.9	542.9	546.4	548.8	549.3
12.5°	517.1	520.6	526.1	531.0	535.0	540.4	546.9	544.9	549.8	552.8	554.3
15°	499.8	503.3	509.2	517.1	524.6	533.0	541.4	542.9	547.8	551.3	552.8
17.5°	472.6	477.0	483.5	491.9	501.3	515.7	526.5	532.0	538.9	540.9	543.4
20°	447.3	451.8	455.7	460.7	467.6	481.5	495.8	506.7	515.7	523.1	525.1
22.5°	413.6	417.6	422.5	426.5	431.4	441.3	453.2	465.6	479.5	483.9	488.9
25°	373.0	375.5	382.4	384.9	388.3	396.8	406.2	415.1	428.5	437.9	440.4
27.5°	329.4	331.9	338.3	339.8	344.3	352.2	359.1	362.6	375.0	384.9	392.8
30°	278.9	285.3	293.2	294.2	299.2	304.1	310.6	314.0	325.4	335.8	345.7
32.5°	235.3	241.7	248.2	252.1	254.6	258.6	265.0	268.5	279.4	288.8	298.7
35°	190.7	198.6	205.6	211.0	213.0	218.0	222.9	226.4	237.8	246.2	253.1
37.5°	157.0	163.0	170.4	175.8	181.3	184.8	190.7	195.7	202.6	207.1	214.5
40°	140.7	143.6	147.6	152.1	156.5	160.5	164.9	168.9	173.4	179.3	184.3
42.5°	135.2	135.7	135.7	137.2	139.7	141.7	145.6	148.6	151.6	156.0	158.5
45°	131.3	130.8	129.8	128.8	129.3	130.3	132.8	134.7	138.2	140.2	140.7
47.5°	129.3	127.3	125.3	123.8	123.3	123.8	125.8	127.8	129.8	131.3	131.8
50°	122.8	121.4	118.4	116.4	115.4	116.4	118.9	119.9	121.9	123.3	123.8
52.5°	116.4	114.4	112.4	110.5	110.5	111.0	112.9	114.9	116.9	117.4	118.4
55°	112.4	109.5	107.5	106.0	105.0	106.5	108.0	110.5	112.9	113.4	114.4
57.5°	108.5	105.5	103.5	102.0	101.0	102.5	104.0	107.5	110.5	110.5	110.5
60°	106.0	103.5	100.6	99.1	97.6	99.1	101.0	104.5	107.5	107.0	106.5
62.5°	99.1	96.6	95.1	95.1	93.6	96.1	98.1	102.0	102.5	101.5	100.6
63°	97.1	95.1	94.1	94.1	93.1	95.6	97.6	101.0	101.0	100.1	99.1
65°	92.1	90.6	89.7	90.6	90.6	93.1	93.6	96.1	95.6	94.1	93.6
67.5°	88.2	87.2	86.2	86.2	86.2	86.7	87.2	88.2	87.7	87.2	87.7
70°	81.7	81.2	80.2	80.2	79.8	79.8	79.8	80.2	80.2	80.7	81.2
72.5°	73.8	72.8	72.8	73.3	72.3	72.8	73.3	72.8	73.8	73.8	74.3
75°	64.9	64.4	65.4	66.4	65.9	65.9	66.4	66.4	66.9	66.9	67.4
77.5°	58.0	58.5	58.9	59.9	60.4	60.4	60.4	59.9	60.4	60.4	60.9
80°	51.5	52.5	53.5	54.5	55.0	55.0	55.0	54.5	54.5	54.5	54.5
82.5°	46.6	48.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5	48.5	47.6
85°	39.1	42.1	42.1	42.6	41.1	40.1	39.1	39.6	40.1	38.1	37.6
87.5°	19.8	19.8	20.8	21.8	22.3	22.3	25.3	23.8	23.3	22.8	21.8
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: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	528.0	527.5	528.5	527.5	528.0	528.5	527.5	529.0	530.0	528.5	527.0
5°	538.9	538.9	541.4	542.4	542.9	545.9	544.4	545.4	546.4	545.9	546.4
7.5°	545.9	547.8	550.3	552.8	553.3	555.8	555.3	556.8	557.8	560.2	560.2
10°	551.8	554.3	557.8	560.2	562.7	564.7	565.7	568.7	569.1	571.1	571.1
12.5°	557.3	560.2	563.7	567.7	570.1	574.1	574.6	579.1	580.5	581.0	579.6
15°	556.3	559.7	563.7	568.2	572.6	577.6	580.5	585.0	587.5	588.5	586.0
17.5°	546.9	549.8	554.8	560.7	566.2	572.6	578.1	584.5	588.5	589.5	589.0
20°	528.5	530.5	537.0	544.9	551.3	561.2	569.1	579.1	585.5	590.4	591.9
22.5°	492.4	497.3	503.8	512.7	522.1	534.5	545.9	560.2	574.1	586.0	597.9
25°	448.8	457.7	467.6	479.5	490.9	503.8	516.6	533.0	553.3	578.1	606.3
27.5°	404.7	420.0	432.4	447.8	461.2	474.0	488.4	506.2	528.5	558.3	594.4
30°	360.1	377.5	390.8	408.7	426.5	443.8	458.2	477.0	498.8	529.0	568.7
32.5°	312.6	329.9	345.7	362.1	381.9	402.7	420.0	443.3	466.6	497.8	537.9
35°	263.5	278.9	292.3	309.6	331.4	353.7	376.5	403.2	428.5	461.2	503.8
37.5°	220.9	231.8	244.7	260.1	276.9	300.7	326.4	358.1	386.9	422.5	466.1
40°	185.8	191.7	199.1	212.0	227.4	250.6	275.9	309.6	344.3	383.4	425.5
42.5°	158.5	161.5	163.5	171.9	184.3	207.1	231.3	264.0	302.2	344.8	387.4
45°	140.7	142.2	142.7	147.1	156.0	175.8	201.1	228.8	265.5	307.1	351.7
47.5°	132.3	133.7	134.7	135.7	141.2	156.5	179.3	205.6	239.3	277.4	323.0
50°	125.3	126.8	128.3	127.8	130.3	140.2	159.5	183.8	215.5	250.6	295.7
52.5°	118.4	119.4	119.4	119.4	120.9	127.3	141.2	163.5	192.7	225.9	270.5
55°	114.4	115.4	115.9	116.4	116.9	120.4	130.8	148.6	173.9	204.6	244.7
57.5°	110.5	111.0	111.9	112.4	113.4	115.4	121.9	134.7	156.0	181.8	215.5
60°	107.0	108.0	110.0	110.5	111.5	111.9	114.9	122.8	136.7	156.5	183.8
62.5°	101.5	103.0	105.0	105.5	106.5	107.0	107.5	111.9	118.4	130.3	150.6
63°	100.1	101.5	104.0	104.5	105.0	105.0	105.5	108.5	114.4	124.8	139.7
65°	94.6	96.6	98.1	98.6	99.1	99.1	98.6	99.6	100.1	104.5	113.4
67.5°	88.7	90.2	91.1	91.6	91.1	91.6	91.1	90.2	89.2	90.2	94.1
70°	82.7	83.7	83.7	84.2	84.7	85.2	84.2	83.2	82.2	81.7	84.2
72.5°	75.8	76.8	76.8	77.3	77.3	78.3	78.3	77.8	77.8	78.3	78.8
75°	68.9	69.8	69.3	70.3	70.3	71.8	71.8	72.3	73.3	72.8	72.3
77.5°	62.4	62.9	62.9	63.4	63.9	66.4	67.9	68.4	68.4	67.4	66.4
80°	55.5	55.5	54.5	54.0	54.5	57.0	59.9	60.4	61.9	61.4	61.9
82.5°	46.6	44.6	43.1	43.1	44.1	45.6	46.6	47.6	48.5	48.5	49.5
85°	35.7	33.7	32.2	32.7	34.2	34.7	34.2	34.2	36.2	37.6	36.2
87.5°	21.3	19.3	18.3	16.8	17.3	18.8	18.3	16.8	17.3	13.9	12.9
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: P181133

CATALOG NUMBER: ICS-F02-LED-E1-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6
2.5°	528.0	527.5	526.5	525.1	524.6	523.6	524.1	522.6	521.6	520.6	519.1
5°	546.4	546.4	543.4	543.4	541.9	541.4	537.9	536.5	533.5	534.5	531.0
7.5°	559.2	560.7	557.3	556.8	554.8	554.3	549.8	548.3	545.9	544.9	541.9
10°	568.7	568.7	564.2	560.7	558.3	555.8	551.3	549.3	547.4	547.8	545.9
12.5°	576.1	572.6	566.2	561.2	557.8	555.3	551.8	550.3	549.8	553.3	553.8
15°	582.0	577.1	569.1	565.7	562.7	562.2	562.2	563.7	567.2	573.6	578.6
17.5°	585.5	582.5	578.6	577.6	582.5	585.5	589.5	593.9	598.9	607.8	613.2
20°	591.9	593.9	596.9	600.8	608.8	616.2	621.2	627.6	633.5	644.4	653.4
22.5°	608.8	620.2	629.6	637.5	649.4	659.8	666.2	675.2	679.6	687.0	700.9
25°	630.6	653.9	673.7	690.5	708.8	719.7	728.6	740.0	747.0	759.4	771.7
27.5°	624.1	657.3	687.0	718.2	743.5	771.7	791.6	810.4	822.3	840.6	856.9
30°	604.3	643.9	684.1	725.2	765.3	805.9	843.6	877.7	904.0	930.3	957.0
32.5°	577.6	623.1	672.2	722.7	775.2	831.7	883.7	935.2	978.8	1016.9	1054.1
35°	546.9	598.4	649.4	711.8	776.7	848.5	920.8	992.2	1058.5	1125.9	1171.5
37.5°	510.2	562.7	619.7	691.5	767.8	856.4	948.6	1041.7	1135.8	1226.5	1305.2
40°	471.1	524.6	584.5	662.3	748.5	851.5	966.4	1091.7	1221.0	1352.3	1456.8
42.5°	436.4	491.4	556.8	635.5	729.1	845.1	980.8	1134.8	1292.8	1455.3	1608.9
45°	402.7	463.1	532.0	616.7	720.7	850.0	1002.1	1175.0	1357.2	1554.4	1741.6
47.5°	372.5	433.9	500.8	593.4	708.3	852.5	1022.9	1215.1	1418.2	1631.7	1854.1
50°	345.3	404.7	470.6	563.7	689.0	851.0	1041.7	1251.2	1470.7	1692.6	1940.7
52.5°	318.5	378.9	446.3	535.0	665.2	842.6	1050.6	1281.0	1519.2	1754.0	2010.6
55°	292.3	351.7	419.6	507.7	634.0	820.8	1049.6	1300.3	1557.9	1812.0	2078.0
57.5°	261.5	318.0	384.4	477.5	600.8	787.1	1034.8	1309.2	1591.0	1869.4	2158.7
60°	223.4	276.4	340.3	433.4	557.3	744.0	1003.6	1304.2	1610.4	1912.0	2227.6
62.5°	176.3	222.4	280.9	372.0	502.8	682.1	945.1	1259.2	1579.6	1906.1	2259.7
63°	166.4	210.0	267.0	357.1	479.5	665.2	927.8	1241.3	1564.8	1893.7	2255.3
65°	133.7	162.0	207.5	288.3	401.2	582.5	841.6	1149.7	1485.0	1806.5	2190.9
67.5°	102.5	116.9	141.2	197.6	283.8	458.2	681.6	974.3	1288.9	1591.0	1983.3
70°	87.7	94.1	104.5	131.3	180.3	289.3	478.5	726.7	999.1	1261.1	1613.8
72.5°	79.8	82.7	88.2	99.6	123.8	173.4	305.1	473.1	679.6	899.0	1171.5
75°	73.3	75.8	80.2	86.2	95.1	115.4	173.9	289.3	441.8	590.4	790.6
77.5°	66.9	68.4	73.3	78.8	84.7	95.1	114.9	166.4	254.1	348.2	476.5
80°	61.4	60.4	63.9	72.8	78.8	84.7	90.6	108.0	144.6	190.7	257.6
82.5°	49.0	50.0	53.0	61.9	64.4	62.9	63.9	66.9	80.7	88.2	131.8
85°	33.2	30.7	30.2	31.2	31.2	29.7	29.7	29.2	32.2	36.7	62.9
87.5°	8.9	4.5	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



REPORT NUMBER: P181133  
 CATALOG NUMBER: ICS-F02-LED-E1-SLR

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	519.6	0°
2.5°	518.1	517.6	518.1	515.7	515.7	515.2	514.7	513.7	513.7	511.7	513.2	2.5°
5°	528.0	527.0	525.1	522.1	520.6	518.6	518.6	516.6	515.2	513.2	513.7	5°
7.5°	539.4	539.9	536.5	534.0	533.0	531.0	531.5	528.5	529.0	527.5	526.5	7.5°
10°	545.9	545.9	546.9	546.4	547.4	547.4	548.8	546.9	545.9	544.4	544.4	10°
12.5°	556.3	558.3	562.2	562.2	565.2	566.2	566.7	567.7	565.7	564.7	561.2	12.5°
15°	582.0	587.0	590.4	595.4	601.3	603.3	603.3	601.3	600.4	598.9	592.4	15°
17.5°	624.6	635.5	638.5	646.4	647.4	649.9	656.8	652.9	650.4	640.0	638.0	17.5°
20°	668.2	682.1	696.0	705.9	710.8	720.7	722.2	720.2	710.3	700.4	696.0	20°
22.5°	720.7	741.5	757.4	772.7	780.2	785.1	796.0	793.5	785.6	770.8	764.8	22.5°
25°	795.0	820.8	837.6	856.4	866.4	871.3	882.2	882.2	873.8	869.3	868.8	25°
27.5°	888.6	920.3	948.1	954.5	980.3	986.2	996.6	996.6	988.7	983.3	1009.5	27.5°
30°	992.7	1025.9	1073.9	1106.1	1137.3	1168.0	1167.5	1169.5	1178.9	1183.9	1195.3	30°
32.5°	1096.7	1137.8	1188.8	1258.7	1325.5	1382.5	1456.3	1503.4	1489.0	1448.9	1433.0	32.5°
35°	1223.0	1268.6	1330.5	1400.8	1523.2	1597.0	1632.6	1657.9	1660.9	1666.3	1677.7	35°
37.5°	1363.7	1440.0	1511.8	1591.5	1659.4	1749.1	1831.8	1898.2	1913.5	1944.7	1926.9	37.5°
40°	1541.5	1626.7	1702.0	1805.0	1896.2	2004.2	2122.5	2213.7	2250.3	2238.5	2149.3	40°
42.5°	1727.8	1833.3	1921.4	2042.8	2161.2	2303.8	2426.2	2553.5	2576.3	2484.6	2351.4	42.5°
45°	1899.1	2029.9	2139.4	2265.7	2410.3	2581.2	2744.7	2875.5	2871.0	2714.0	2535.7	45°
47.5°	2053.2	2213.7	2347.4	2511.9	2667.4	2871.0	3058.7	3155.3	3098.4	2912.6	2694.2	47.5°
50°	2180.5	2380.6	2545.6	2712.0	2909.6	3154.8	3335.6	3390.1	3280.2	3078.1	2848.2	50°
52.5°	2283.0	2534.2	2719.4	2911.1	3160.8	3418.8	3574.4	3554.1	3411.9	3204.4	2975.5	52.5°
55°	2369.7	2651.6	2872.5	3098.9	3408.4	3646.2	3749.7	3695.3	3496.6	3286.1	3062.7	55°
57.5°	2459.4	2765.5	3013.2	3275.7	3620.5	3824.5	3882.0	3770.0	3536.7	3317.3	3100.3	57.5°
60°	2549.0	2860.6	3137.5	3430.2	3780.9	3970.2	3954.3	3786.9	3524.9	3294.5	3075.1	60°
62.5°	2609.5	2917.1	3209.8	3525.3	3901.3	4044.5	3947.4	3727.0	3456.0	3204.9	2999.8	62.5°
63°	2610.9	2919.0	3214.3	3531.8	3914.7	4046.9	3934.0	3705.7	3434.2	3186.5	2977.5	63°
65°	2579.7	2881.9	3174.6	3502.6	3903.3	3990.0	3818.6	3579.8	3309.9	3059.7	2861.6	65°
67.5°	2420.2	2728.3	2986.9	3296.0	3699.2	3724.0	3509.5	3316.8	3074.1	2815.0	2608.0	67.5°
70°	2098.8	2354.9	2608.5	2866.5	3204.9	3200.4	2998.8	2900.7	2688.2	2393.0	2227.1	70°
72.5°	1669.3	1899.1	2077.5	2250.3	2473.2	2428.2	2298.4	2325.6	2187.9	1967.5	1868.9	72.5°
75°	1239.3	1492.0	1579.1	1649.5	1743.6	1744.1	1779.8	1857.0	1855.1	1732.7	1608.4	75°
77.5°	812.9	1089.3	1118.5	1175.0	1287.9	1441.4	1600.0	1770.4	1813.0	1716.4	1532.6	77.5°
80°	453.2	740.5	706.9	755.4	877.3	1085.8	1319.6	1507.8	1618.8	1564.8	1370.1	80°
82.5°	231.8	427.0	408.2	475.5	574.1	755.4	909.9	1054.6	1185.4	1177.9	1104.1	82.5°
85°	120.4	233.8	266.0	301.2	350.7	415.6	474.0	516.1	570.6	666.7	699.4	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	35.7	25.8	70.8	101.0	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: P181133

NUMBER: ICS-F02-LED-E1-SLR

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
519.6	519.6	519.6	519.6	519.6	519.6	519.6
513.7	514.2	513.2	513.2	513.7	513.7	512.7
512.7	512.7	511.7	510.7	509.7	509.7	508.7
524.1	524.1	520.6	519.1	516.6	514.7	513.7
540.9	537.9	534.0	531.0	527.0	522.6	520.1
557.8	553.3	548.3	543.9	538.9	534.0	531.5
585.5	579.6	573.1	567.7	560.7	553.3	550.3
628.1	618.7	610.3	602.3	590.0	584.5	578.6
684.6	670.7	659.8	646.4	631.1	626.1	618.7
752.9	741.0	719.2	709.3	694.0	686.5	688.0
856.9	841.6	816.3	806.9	805.4	789.1	781.2
992.7	993.7	970.4	945.1	931.2	905.5	872.8
1185.8	1172.5	1145.2	1119.5	1086.8	1038.2	983.7
1419.6	1389.9	1344.9	1296.8	1238.9	1164.1	1087.8
1648.0	1596.0	1524.2	1443.9	1360.2	1267.1	1159.1
1848.6	1767.9	1660.4	1568.3	1449.9	1333.5	1201.7
2031.9	1931.8	1793.1	1673.8	1534.1	1384.5	1228.4
2209.2	2082.4	1912.5	1751.0	1593.0	1418.7	1241.3
2378.1	2214.7	2013.1	1820.9	1636.1	1440.9	1243.3
2507.9	2329.6	2103.2	1871.4	1665.8	1457.8	1243.3
2628.3	2426.7	2172.1	1911.0	1693.6	1469.2	1244.3
2721.9	2495.0	2216.7	1939.3	1715.4	1477.6	1248.8
2789.8	2539.6	2246.4	1956.6	1731.2	1489.5	1258.7
2837.3	2568.8	2262.7	1972.0	1750.5	1510.3	1286.4
2860.1	2622.8	2290.0	2002.7	1783.7	1554.4	1341.9
2842.8	2706.5	2367.7	2054.7	1829.8	1623.2	1430.5
2835.3	2721.9	2389.0	2066.1	1840.2	1638.1	1461.3
2777.4	2737.3	2476.7	2123.5	1889.7	1704.0	1547.0
2597.6	2676.8	2550.5	2220.6	1996.2	1864.0	1706.9
2364.8	2587.2	2537.1	2233.0	2064.1	1995.2	1808.0
2085.9	2316.2	2269.7	2068.1	1989.3	1996.7	1781.7
1641.6	1814.4	1783.7	1712.9	1728.7	1783.2	1526.1
1315.1	1291.9	1221.0	1226.0	1317.6	1381.5	1098.7
1074.4	869.8	777.7	780.2	940.2	1006.5	699.9
1022.4	822.8	670.2	585.5	684.1	658.8	365.6
728.2	729.6	605.3	491.9	476.5	405.2	227.9
172.4	138.2	98.6	73.3	77.3	51.0	25.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)