

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: P181143

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181143
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
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6202.2 lumens
Efficiency: N/A
Efficacy: 79.2 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

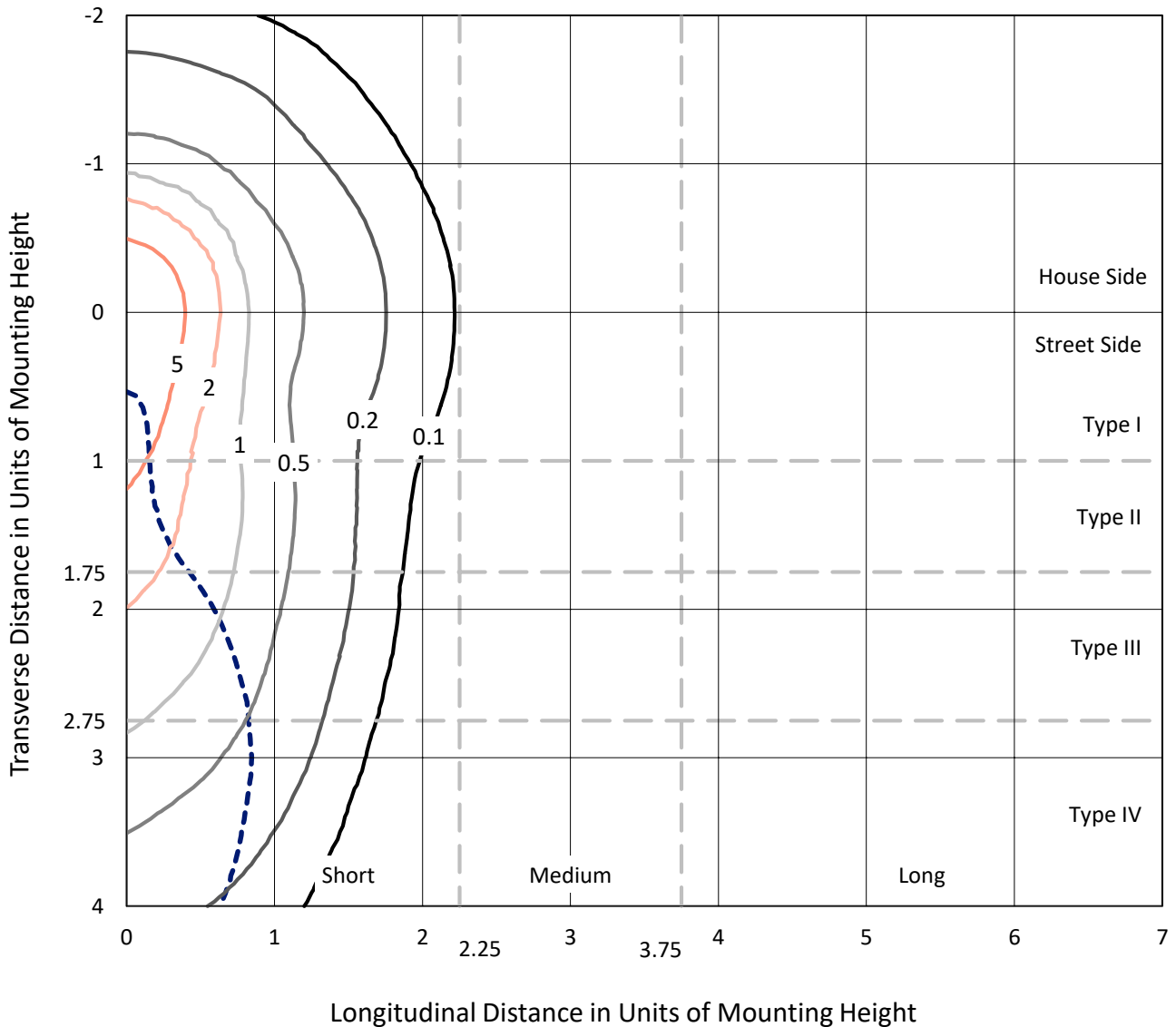
Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181143
 CATALOG NUMBER: ICS-F03-LED-E1-SLR

Iso-Footcandle Lines of Horizontal Illumination

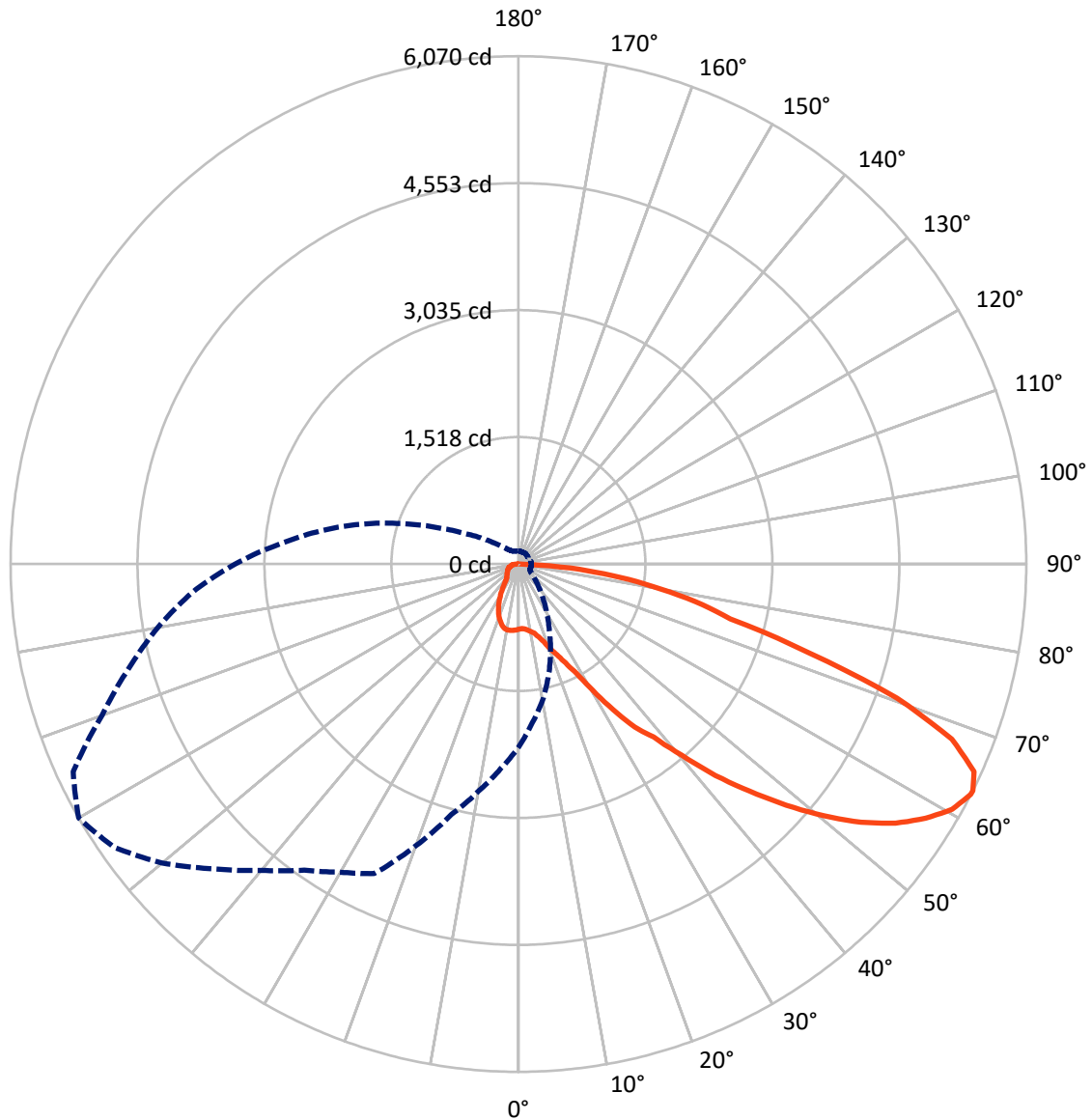
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.8 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181143
CATALOG NUMBER: ICS-F03-LED-E1-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P181143

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

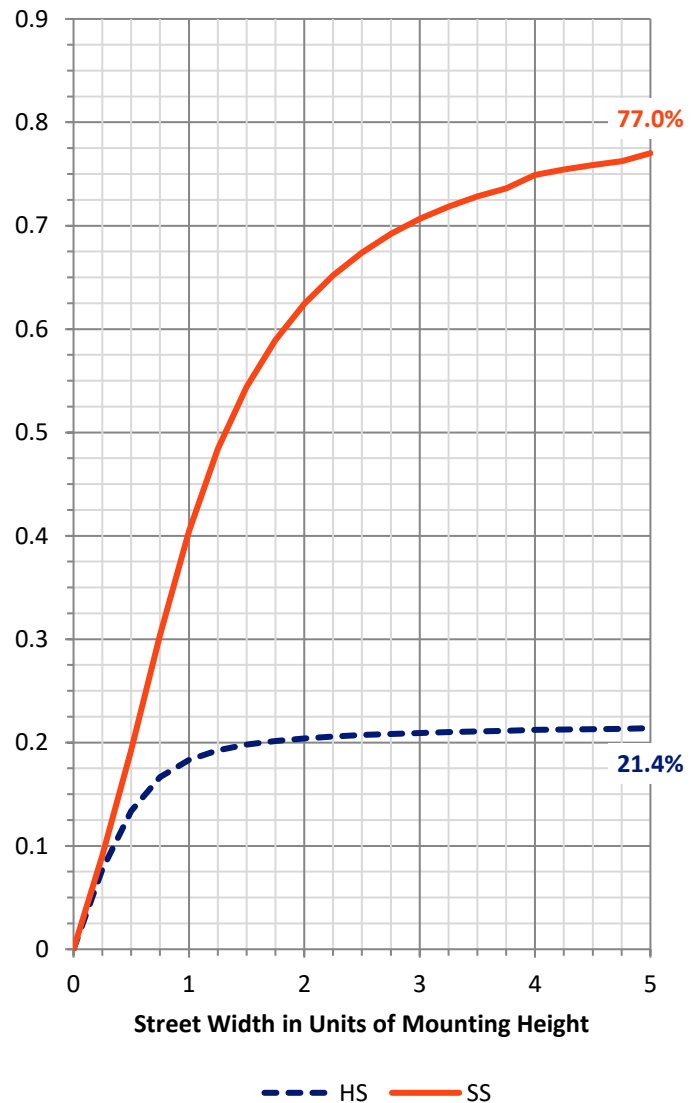
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1344.9	0.0	1344.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4857.3	0.0	4857.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	6202.2	0.0	6202.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	1.2
10°-20°	236.3	3.8
20°-30°	419.8	6.8
30°-40°	661.1	10.7
40°-50°	972.9	15.7
50°-60°	1292.3	20.8
60°-70°	1423.5	23.0
70°-80°	893.1	14.4
80°-90°	227.5	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°	6202.2	100.0
0°-180°	6202.2	100.0

Coefficient of Utilization



REPORT NUMBER: P181143

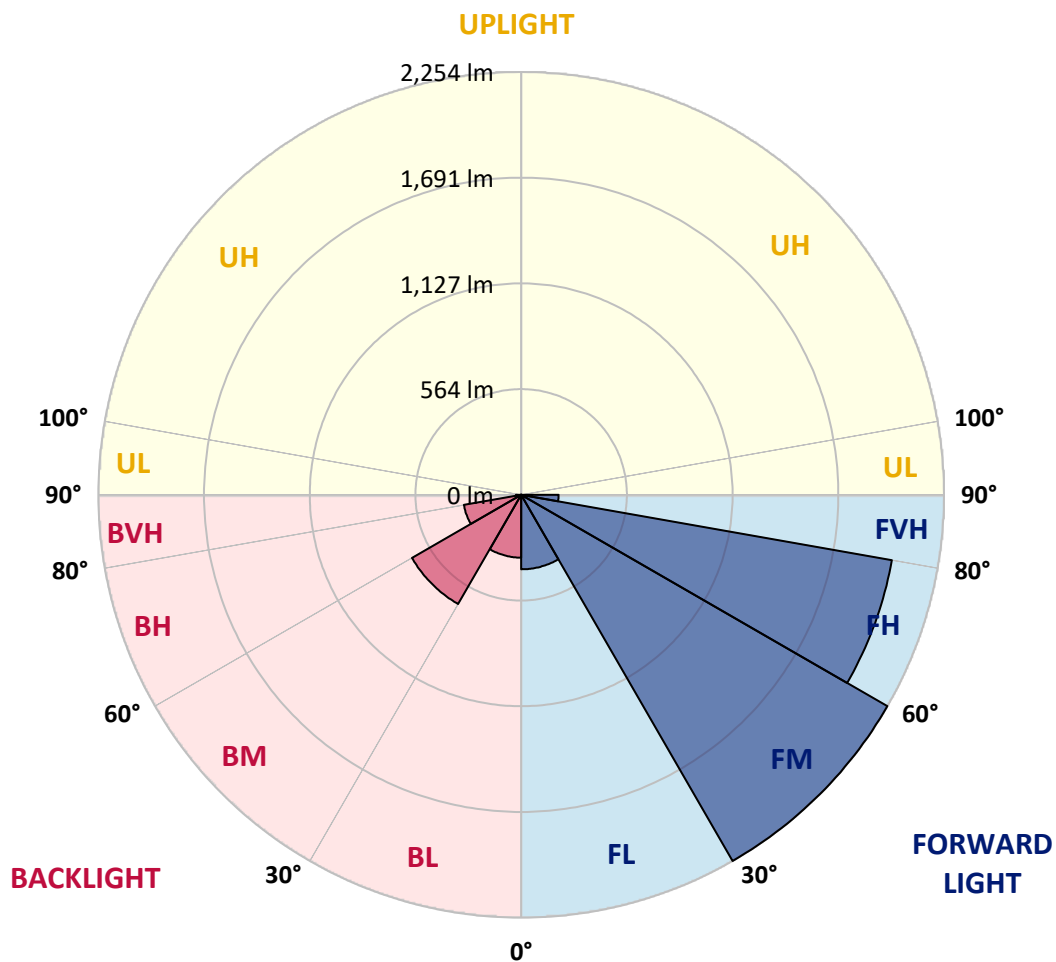
CATALOG NUMBER: ICS-F03-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	397.1	6.4			
FM	(30°-60°)	2254.0	36.3			
FH	(60°-80°)	2006.5	32.4			G2/5000
FVH	(80°-90°)	199.6	3.2			G2/225
BL	(0°-30°)	334.8	5.4	B1/500		
BM	(30°-60°)	672.2	10.8	B1/1000		
BH	(60°-80°)	310.0	5.0	B1/500		G1/500
BVH	(80°-90°)	27.9	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: P181143

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	769.0	771.2	770.5	770.5	772.0	771.2	771.2	772.0	772.0	774.2	777.2
5°	763.1	762.3	760.8	762.3	762.3	762.3	759.4	761.6	762.3	763.8	763.8
7.5°	770.5	768.3	765.3	766.0	766.0	764.6	762.3	763.1	762.3	762.3	761.6
10°	780.2	775.0	771.2	771.2	771.2	769.8	766.0	768.3	768.3	767.5	768.3
12.5°	797.3	791.3	786.9	785.4	785.4	783.1	780.2	783.1	781.6	781.6	780.2
15°	825.5	818.8	813.6	809.1	809.9	809.9	806.2	803.9	801.0	797.3	789.8
17.5°	867.8	860.4	853.7	850.0	850.7	845.5	835.1	824.7	810.6	796.5	780.9
20°	928.0	925.8	916.9	913.2	904.2	891.6	862.6	838.1	810.6	783.9	757.1
22.5°	1032.0	1021.6	1012.7	998.6	968.9	934.0	885.7	842.6	799.5	761.6	725.9
25°	1171.7	1153.2	1109.3	1066.2	1005.3	942.9	877.5	821.8	768.3	718.5	674.7
27.5°	1309.2	1252.7	1174.7	1096.7	1007.5	925.8	844.1	777.9	715.5	661.3	613.0
30°	1475.6	1380.5	1260.9	1137.6	1011.2	901.3	803.2	725.9	653.9	596.6	546.1
32.5°	1631.7	1494.2	1337.4	1175.4	1019.4	878.2	756.4	668.7	594.4	522.3	472.6
35°	1738.7	1560.3	1370.1	1179.2	999.4	834.4	697.7	594.4	520.1	453.2	394.5
37.5°	1802.5	1589.3	1371.6	1152.4	952.5	775.0	623.4	520.9	452.5	388.6	342.5
40°	1842.7	1596.0	1352.3	1113.8	893.1	699.9	549.1	457.0	394.5	343.3	307.6
42.5°	1862.0	1585.6	1321.1	1064.7	832.9	633.0	497.1	410.1	355.9	319.5	292.7
45°	1865.0	1567.0	1287.6	1020.2	779.4	584.8	461.4	390.8	346.2	315.8	289.0
47.5°	1865.0	1550.7	1260.9	987.5	744.5	563.9	458.4	399.0	355.2	321.0	289.0
50°	1866.4	1545.5	1249.7	971.1	732.6	575.1	483.7	424.3	374.5	329.9	288.3
52.5°	1873.1	1552.2	1258.7	983.7	754.2	619.7	531.3	462.2	399.7	340.3	288.3
55°	1888.0	1574.4	1296.6	1027.6	812.1	687.3	588.5	503.0	419.8	344.8	283.8
57.5°	1929.6	1630.9	1365.7	1112.3	910.9	765.3	640.5	532.0	427.2	341.0	274.9
60°	2012.8	1743.1	1483.8	1231.2	1015.7	832.2	670.9	536.5	420.5	329.2	260.8
62.5°	2145.8	1871.6	1627.2	1360.5	1108.6	869.3	674.7	525.3	402.7	307.6	240.0
63°	2191.9	1903.6	1657.7	1385.0	1120.5	872.3	671.7	520.9	398.3	301.7	237.0
65°	2320.4	2038.1	1763.2	1471.2	1153.9	873.0	655.3	498.6	377.5	278.6	216.2
67.5°	2560.4	2214.9	1896.2	1538.8	1165.8	849.3	613.7	457.0	333.6	243.0	190.2
70°	2712.0	2313.7	1947.4	1540.3	1130.9	781.6	541.7	389.3	277.9	201.4	163.5
72.5°	2672.6	2216.4	1812.2	1401.3	980.0	653.1	435.4	306.1	217.0	161.2	136.0
75°	2289.2	1844.9	1478.6	1085.5	740.8	480.0	318.8	218.4	160.5	126.3	113.7
77.5°	1648.0	1327.8	1060.3	773.5	499.3	310.6	211.8	156.0	121.9	104.0	93.6
80°	1049.9	778.7	648.7	465.1	292.0	192.4	145.6	118.1	100.3	86.9	80.2
82.5°	548.3	384.1	312.1	237.8	162.0	127.1	107.0	96.6	82.5	72.1	68.4
85°	341.8	226.6	167.9	117.4	81.0	72.8	66.9	65.4	58.7	52.0	49.8
87.5°	38.6	34.9	36.4	23.0	17.1	18.6	17.8	23.8	23.0	17.1	17.8
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: P181143
 CATALOG NUMBER: ICS-F03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	774.2	775.7	775.7	777.9	777.9	779.4	780.9	780.9	782.4	783.1	784.6
5°	765.3	765.3	765.3	768.3	769.0	773.5	775.0	776.4	777.9	783.1	786.1
7.5°	763.1	760.1	761.6	761.6	763.8	767.5	771.2	773.5	775.7	782.4	786.9
10°	767.5	765.3	763.1	763.1	763.8	765.3	768.3	770.5	772.0	778.7	782.4
12.5°	779.4	774.2	769.8	766.0	763.1	762.3	760.8	761.6	763.1	766.8	772.0
15°	781.6	772.0	762.3	752.7	745.2	740.8	737.1	735.6	735.6	737.8	743.8
17.5°	766.8	750.4	736.3	723.7	715.5	707.3	703.6	700.7	699.2	702.1	702.9
20°	734.8	715.5	696.2	681.3	666.5	664.3	658.3	659.8	661.3	665.7	668.0
22.5°	691.0	668.0	644.2	628.6	616.7	606.3	599.6	602.6	604.8	609.3	611.5
25°	637.5	604.1	578.8	563.2	550.6	541.7	534.2	537.2	534.2	539.4	547.6
27.5°	574.3	535.0	508.2	490.4	481.5	474.0	466.6	466.6	474.0	474.0	480.7
30°	497.8	468.8	433.9	415.3	404.2	399.7	399.0	397.5	402.7	405.7	413.1
32.5°	425.7	390.1	356.6	338.8	329.2	324.0	324.7	325.4	327.7	332.1	344.0
35°	352.9	321.7	297.9	277.9	268.2	258.6	258.6	257.1	259.3	264.5	278.6
37.5°	306.1	278.6	260.1	244.5	234.8	228.8	223.6	221.4	221.4	223.6	228.8
40°	280.1	260.1	243.0	229.6	220.7	215.5	212.5	210.3	208.8	208.8	209.5
42.5°	268.2	247.4	230.3	218.4	211.8	208.8	208.0	207.3	205.1	204.3	203.6
45°	262.3	238.5	219.2	209.5	204.3	202.8	203.6	203.6	202.8	201.4	198.4
47.5°	257.8	230.3	211.0	202.1	199.9	199.9	199.9	199.9	199.1	198.4	196.2
50°	250.4	217.7	196.9	190.2	188.7	188.7	189.5	189.5	191.0	189.5	188.0
52.5°	242.2	205.8	185.0	179.1	178.3	177.6	177.6	177.6	178.3	178.3	177.6
55°	233.3	196.9	179.1	174.6	175.4	174.6	173.9	173.1	173.1	172.4	170.9
57.5°	224.4	189.5	174.6	171.6	172.4	172.4	170.9	169.4	168.7	166.4	164.9
60°	211.0	179.1	165.7	164.2	166.4	166.4	166.4	165.7	165.7	164.9	161.2
62.5°	193.2	164.2	153.8	154.5	155.3	156.8	156.8	156.8	156.8	155.3	151.6
63°	189.5	161.2	151.6	151.6	153.8	153.8	154.5	153.8	154.5	153.1	148.6
65°	174.6	151.6	144.1	144.9	146.4	146.4	146.4	145.6	145.6	143.4	141.2
67.5°	157.5	139.7	135.2	136.0	136.7	138.2	137.5	137.5	138.2	136.7	134.5
70°	138.2	127.1	124.1	124.8	125.6	125.6	124.8	124.8	125.6	124.1	121.9
72.5°	123.3	118.9	116.7	116.7	115.2	115.2	113.7	112.9	112.2	112.2	110.0
75°	104.0	103.3	104.0	105.5	104.0	102.5	101.8	99.6	98.1	98.1	97.3
77.5°	89.2	89.2	90.6	92.9	93.6	93.6	91.4	87.7	86.9	86.9	86.9
80°	77.3	75.8	75.8	78.0	80.2	79.5	75.8	72.1	72.1	75.8	76.5
82.5°	67.6	67.6	65.4	66.1	65.4	64.6	60.9	58.7	58.0	60.9	63.9
85°	53.5	54.2	53.5	52.8	52.0	49.8	46.8	44.6	43.8	46.8	51.3
87.5°	21.5	20.8	20.1	20.8	20.1	21.5	20.8	19.3	18.6	20.8	25.3
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: P181143

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	785.4	786.9	788.3	788.3	789.8	789.1	789.8	790.6	790.6	791.3	791.3
5°	789.8	792.1	795.0	798.0	798.7	801.0	803.2	801.7	803.9	806.9	806.9
7.5°	791.3	796.5	798.7	803.2	803.9	806.9	812.1	808.4	812.9	815.1	815.8
10°	789.1	794.3	798.0	803.2	805.4	810.6	815.8	814.3	819.5	823.3	824.0
12.5°	775.7	780.9	789.1	796.5	802.5	810.6	820.3	817.3	824.7	829.2	831.4
15°	749.7	754.9	763.8	775.7	786.9	799.5	812.1	814.3	821.8	827.0	829.2
17.5°	708.8	715.5	725.2	737.8	751.9	773.5	789.8	798.0	808.4	811.4	815.1
20°	670.9	677.6	683.6	691.0	701.4	722.2	743.8	760.1	773.5	784.6	787.6
22.5°	620.4	626.4	633.8	639.7	647.2	662.0	679.9	698.4	719.2	725.9	733.4
25°	559.5	563.2	573.6	577.3	582.5	595.2	609.3	622.6	642.7	656.8	660.5
27.5°	494.1	497.8	507.5	509.7	516.4	528.3	538.7	543.9	562.5	577.3	589.2
30°	418.3	428.0	439.9	441.3	448.8	456.2	465.9	471.1	488.2	503.8	518.6
32.5°	352.9	362.6	372.2	378.2	381.9	387.9	397.5	402.7	419.1	433.2	448.0
35°	286.1	297.9	308.4	316.5	319.5	326.9	334.4	339.6	356.6	369.3	379.7
37.5°	235.5	244.5	255.6	263.8	271.9	277.1	286.1	293.5	303.9	310.6	321.7
40°	211.0	215.5	221.4	228.1	234.8	240.7	247.4	253.4	260.1	269.0	276.4
42.5°	202.8	203.6	203.6	205.8	209.5	212.5	218.4	222.9	227.4	234.0	237.8
45°	196.9	196.2	194.7	193.2	193.9	195.4	199.1	202.1	207.3	210.3	211.0
47.5°	193.9	191.0	188.0	185.8	185.0	185.8	188.7	191.7	194.7	196.9	197.6
50°	184.3	182.0	177.6	174.6	173.1	174.6	178.3	179.8	182.8	185.0	185.8
52.5°	174.6	171.6	168.7	165.7	165.7	166.4	169.4	172.4	175.4	176.1	177.6
55°	168.7	164.2	161.2	159.0	157.5	159.7	162.0	165.7	169.4	170.1	171.6
57.5°	162.7	158.3	155.3	153.1	151.6	153.8	156.0	161.2	165.7	165.7	165.7
60°	159.0	155.3	150.8	148.6	146.4	148.6	151.6	156.8	161.2	160.5	159.7
62.5°	148.6	144.9	142.7	142.7	140.4	144.1	147.1	153.1	153.8	152.3	150.8
63°	145.6	142.7	141.2	141.2	139.7	143.4	146.4	151.6	151.6	150.1	148.6
65°	138.2	136.0	134.5	136.0	136.0	139.7	140.4	144.1	143.4	141.2	140.4
67.5°	132.3	130.8	129.3	129.3	129.3	130.0	130.8	132.3	131.5	130.8	131.5
70°	122.6	121.9	120.4	120.4	119.6	119.6	119.6	120.4	120.4	121.1	121.9
72.5°	110.7	109.2	109.2	110.0	108.5	109.2	110.0	109.2	110.7	110.7	111.5
75°	97.3	96.6	98.1	99.6	98.8	98.8	99.6	99.6	100.3	100.3	101.0
77.5°	86.9	87.7	88.4	89.9	90.6	90.6	90.6	89.9	90.6	90.6	91.4
80°	77.3	78.8	80.2	81.7	82.5	82.5	82.5	81.7	81.7	81.7	81.7
82.5°	69.8	72.1	73.6	74.3	74.3	74.3	74.3	74.3	74.3	72.8	71.3
85°	58.7	63.2	63.2	63.9	61.7	60.2	58.7	59.4	60.2	57.2	56.5
87.5°	29.7	29.7	31.2	32.7	33.4	33.4	37.9	35.7	34.9	34.2	32.7
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: P181143

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	792.1	791.3	792.8	791.3	792.1	792.8	791.3	793.5	795.0	792.8	790.6
5°	808.4	808.4	812.1	813.6	814.3	818.8	816.6	818.1	819.5	818.8	819.5
7.5°	818.8	821.8	825.5	829.2	829.9	833.7	832.9	835.1	836.6	840.3	840.3
10°	827.7	831.4	836.6	840.3	844.1	847.0	848.5	853.0	853.7	856.7	856.7
12.5°	835.9	840.3	845.5	851.5	855.2	861.2	861.9	868.6	870.8	871.6	869.3
15°	834.4	839.6	845.5	852.2	858.9	866.4	870.8	877.5	881.2	882.7	879.0
17.5°	820.3	824.7	832.2	841.1	849.3	858.9	867.1	876.8	882.7	884.2	883.4
20°	792.8	795.8	805.4	817.3	827.0	841.8	853.7	868.6	878.2	885.7	887.9
22.5°	738.6	746.0	755.6	769.0	783.1	801.7	818.8	840.3	861.2	879.0	896.8
25°	673.2	686.5	701.4	719.2	736.3	755.6	775.0	799.5	829.9	867.1	909.4
27.5°	607.0	630.1	648.7	671.7	691.7	711.1	732.6	759.4	792.8	837.4	891.6
30°	540.2	566.2	586.2	613.0	639.7	665.7	687.3	715.5	748.2	793.5	853.0
32.5°	468.8	494.8	518.6	543.1	572.9	604.1	630.1	665.0	699.9	746.7	806.9
35°	395.3	418.3	438.4	464.4	497.1	530.5	564.7	604.8	642.7	691.7	755.6
37.5°	331.4	347.7	367.0	390.1	415.3	451.0	489.6	537.2	580.3	633.8	699.2
40°	278.6	287.5	298.7	318.0	341.0	376.0	413.9	464.4	516.4	575.1	638.2
42.5°	237.8	242.2	245.2	257.8	276.4	310.6	347.0	396.0	453.2	517.1	581.0
45°	211.0	213.2	214.0	220.7	234.0	263.8	301.7	343.3	398.3	460.7	527.5
47.5°	198.4	200.6	202.1	203.6	211.8	234.8	269.0	308.4	358.9	416.1	484.4
50°	188.0	190.2	192.4	191.7	195.4	210.3	239.3	275.7	323.2	376.0	443.6
52.5°	177.6	179.1	179.1	179.1	181.3	191.0	211.8	245.2	289.0	338.8	405.7
55°	171.6	173.1	173.9	174.6	175.4	180.6	196.2	222.9	260.8	306.9	367.0
57.5°	165.7	166.4	167.9	168.7	170.1	173.1	182.8	202.1	234.0	272.7	323.2
60°	160.5	162.0	164.9	165.7	167.2	167.9	172.4	184.3	205.1	234.8	275.7
62.5°	152.3	154.5	157.5	158.3	159.7	160.5	161.2	167.9	177.6	195.4	225.9
63°	150.1	152.3	156.0	156.8	157.5	157.5	158.3	162.7	171.6	187.2	209.5
65°	141.9	144.9	147.1	147.9	148.6	148.6	147.9	149.3	150.1	156.8	170.1
67.5°	133.0	135.2	136.7	137.5	136.7	137.5	136.7	135.2	133.7	135.2	141.2
70°	124.1	125.6	125.6	126.3	127.1	127.8	126.3	124.8	123.3	122.6	126.3
72.5°	113.7	115.2	115.2	115.9	115.9	117.4	117.4	116.7	116.7	117.4	118.1
75°	103.3	104.8	104.0	105.5	105.5	107.7	107.7	108.5	110.0	109.2	108.5
77.5°	93.6	94.4	94.4	95.1	95.8	99.6	101.8	102.5	102.5	101.0	99.6
80°	83.2	83.2	81.7	81.0	81.7	85.4	89.9	90.6	92.9	92.1	92.9
82.5°	69.8	66.9	64.6	64.6	66.1	68.4	69.8	71.3	72.8	72.8	74.3
85°	53.5	50.5	48.3	49.0	51.3	52.0	51.3	51.3	54.2	56.5	54.2
87.5°	31.9	29.0	27.5	25.3	26.0	28.2	27.5	25.3	26.0	20.8	19.3
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: P181143

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4
2.5°	792.1	791.3	789.8	787.6	786.9	785.4	786.1	783.9	782.4	780.9	778.7
5°	819.5	819.5	815.1	815.1	812.9	812.1	806.9	804.7	800.2	801.7	796.5
7.5°	838.9	841.1	835.9	835.1	832.2	831.4	824.7	822.5	818.8	817.3	812.9
10°	853.0	853.0	846.3	841.1	837.4	833.7	827.0	824.0	821.0	821.8	818.8
12.5°	864.1	858.9	849.3	841.8	836.6	832.9	827.7	825.5	824.7	829.9	830.7
15°	873.0	865.6	853.7	848.5	844.1	843.3	843.3	845.5	850.7	860.4	867.8
17.5°	878.2	873.8	867.8	866.4	873.8	878.2	884.2	890.9	898.3	911.7	919.8
20°	887.9	890.9	895.3	901.3	913.2	924.3	931.7	941.4	950.3	966.7	980.0
22.5°	913.2	930.3	944.4	956.3	974.1	989.7	999.4	1012.7	1019.4	1030.6	1051.4
25°	945.9	980.8	1010.5	1035.8	1063.3	1079.6	1093.0	1110.1	1120.5	1139.0	1157.6
27.5°	936.2	986.0	1030.6	1077.4	1115.3	1157.6	1187.3	1215.6	1233.4	1260.9	1285.4
30°	906.5	965.9	1026.1	1087.8	1148.0	1208.9	1265.4	1316.6	1356.0	1395.4	1435.5
32.5°	866.4	934.7	1008.3	1084.1	1162.8	1247.5	1325.5	1402.8	1468.2	1525.4	1581.1
35°	820.3	897.6	974.1	1067.7	1165.0	1272.8	1381.3	1488.3	1587.8	1688.9	1757.2
37.5°	765.3	844.1	929.5	1037.2	1151.7	1284.7	1422.9	1562.6	1703.7	1839.7	1957.8
40°	706.6	786.9	876.8	993.4	1122.7	1277.2	1449.6	1637.6	1831.5	2028.4	2185.2
42.5°	654.6	737.1	835.1	953.3	1093.7	1267.6	1471.2	1702.2	1939.3	2183.0	2413.3
45°	604.1	694.7	798.0	925.1	1081.1	1275.0	1503.1	1762.4	2035.9	2331.6	2612.4
47.5°	558.7	650.9	751.2	890.1	1062.5	1278.7	1534.3	1822.6	2127.2	2447.5	2781.1
50°	517.9	607.0	705.9	845.5	1033.5	1276.5	1562.6	1876.9	2206.0	2538.9	2911.1
52.5°	477.8	568.4	669.5	802.5	997.9	1263.9	1575.9	1921.4	2278.8	2631.0	3015.9
55°	438.4	527.5	629.3	761.6	951.1	1231.2	1574.4	1950.4	2336.8	2717.9	3116.9
57.5°	392.3	477.0	576.6	716.3	901.3	1180.6	1552.2	1963.8	2386.6	2804.1	3238.0
60°	335.1	414.6	510.4	650.1	835.9	1116.0	1505.3	1956.4	2415.5	2868.0	3341.3
62.5°	264.5	333.6	421.3	558.0	754.2	1023.1	1417.7	1888.7	2369.5	2859.1	3389.6
63°	249.7	315.0	400.5	535.7	719.2	997.9	1391.7	1862.0	2347.2	2840.5	3382.9
65°	200.6	243.0	311.3	432.4	601.8	873.8	1262.4	1724.5	2227.6	2709.8	3286.3
67.5°	153.8	175.4	211.8	296.5	425.7	687.3	1022.4	1461.5	1933.3	2386.6	2975.0
70°	131.5	141.2	156.8	196.9	270.5	433.9	717.8	1090.0	1498.7	1891.7	2420.7
72.5°	119.6	124.1	132.3	149.3	185.8	260.1	457.7	709.6	1019.4	1348.6	1757.2
75°	110.0	113.7	120.4	129.3	142.7	173.1	260.8	433.9	662.8	885.7	1185.8
77.5°	100.3	102.5	110.0	118.1	127.1	142.7	172.4	249.7	381.2	522.3	714.8
80°	92.1	90.6	95.8	109.2	118.1	127.1	136.0	162.0	217.0	286.1	386.4
82.5°	73.6	75.0	79.5	92.9	96.6	94.4	95.8	100.3	121.1	132.3	197.6
85°	49.8	46.1	45.3	46.8	46.8	44.6	44.6	43.8	48.3	55.0	94.4
87.5°	13.4	6.7	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: P181143
 CATALOG NUMBER: ICS-F03-LED-E1-SLR

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	779.4	0°
2.5°	777.2	776.4	777.2	773.5	773.5	772.7	772.0	770.5	770.5	767.5	769.8	2.5°
5°	792.1	790.6	787.6	783.1	780.9	777.9	777.9	775.0	772.7	769.8	770.5	5°
7.5°	809.1	809.9	804.7	801.0	799.5	796.5	797.3	792.8	793.5	791.3	789.8	7.5°
10°	818.8	818.8	820.3	819.5	821.0	821.0	823.3	820.3	818.8	816.6	816.6	10°
12.5°	834.4	837.4	843.3	843.3	847.8	849.3	850.0	851.5	848.5	847.0	841.8	12.5°
15°	873.0	880.5	885.7	893.1	902.0	905.0	905.0	902.0	900.5	898.3	888.6	15°
17.5°	936.9	953.3	957.7	969.6	971.1	974.8	985.2	979.3	975.6	960.0	957.0	17.5°
20°	1002.3	1023.1	1043.9	1058.8	1066.2	1081.1	1083.3	1080.3	1065.5	1050.6	1043.9	20°
22.5°	1081.1	1112.3	1136.1	1159.1	1170.2	1177.7	1194.0	1190.3	1178.4	1156.1	1147.2	22.5°
25°	1192.5	1231.2	1256.4	1284.7	1299.5	1307.0	1323.3	1323.3	1310.7	1304.0	1303.2	25°
27.5°	1333.0	1380.5	1422.1	1431.8	1470.4	1479.3	1494.9	1494.9	1483.1	1474.9	1514.3	27.5°
30°	1489.0	1538.8	1610.9	1659.1	1706.0	1752.0	1751.3	1754.3	1768.4	1775.8	1792.9	30°
32.5°	1645.0	1706.7	1783.2	1888.0	1988.3	2073.7	2184.5	2255.0	2233.5	2173.3	2149.5	32.5°
35°	1834.5	1902.9	1995.7	2101.2	2284.8	2395.5	2449.0	2486.9	2491.3	2499.5	2516.6	35°
37.5°	2045.5	2159.9	2267.7	2387.3	2489.1	2623.6	2747.7	2847.2	2870.3	2917.1	2890.3	37.5°
40°	2312.3	2440.1	2553.0	2707.5	2844.3	3006.2	3183.8	3320.5	3375.5	3357.7	3223.9	40°
42.5°	2591.6	2749.9	2882.1	3064.2	3241.8	3455.8	3639.3	3830.2	3864.4	3727.0	3527.1	42.5°
45°	2848.7	3044.9	3209.1	3398.5	3615.5	3871.8	4117.0	4313.2	4306.5	4071.0	3803.5	45°
47.5°	3079.8	3320.5	3521.1	3767.8	4001.1	4306.5	4588.1	4733.0	4647.5	4368.9	4041.2	47.5°
50°	3270.7	3570.9	3818.3	4068.0	4364.5	4732.2	5003.4	5085.2	4920.2	4617.1	4272.3	50°
52.5°	3424.5	3801.3	4079.1	4366.7	4741.2	5128.3	5361.6	5331.1	5117.9	4806.6	4463.3	52.5°
55°	3554.6	3977.3	4308.7	4648.3	5112.7	5469.3	5624.6	5542.9	5244.9	4929.1	4594.0	55°
57.5°	3689.1	4148.2	4519.7	4913.5	5430.7	5736.8	5823.0	5655.1	5305.1	4976.0	4650.5	57.5°
60°	3823.5	4290.9	4706.2	5145.4	5671.4	5955.2	5931.5	5680.3	5287.3	4941.8	4612.6	60°
62.5°	3914.2	4375.6	4814.7	5288.0	5852.0	6066.7	5921.1	5590.4	5184.0	4807.3	4499.7	62.5°
63°	3916.4	4378.6	4821.4	5297.7	5872.0	6070.4	5901.0	5558.5	5151.3	4779.8	4466.3	63°
65°	3869.6	4322.8	4762.0	5253.8	5854.9	5985.0	5727.9	5369.8	4964.8	4589.6	4292.4	65°
67.5°	3630.4	4092.5	4480.4	4944.0	5548.8	5586.0	5264.2	4975.2	4611.1	4222.5	3912.0	67.5°
70°	3148.1	3532.3	3912.7	4299.8	4807.3	4800.6	4498.2	4351.1	4032.3	3589.5	3340.6	70°
72.5°	2504.0	2848.7	3116.2	3375.5	3709.9	3642.2	3447.6	3488.4	3281.9	2951.2	2803.4	72.5°
75°	1859.0	2238.0	2368.7	2474.2	2615.4	2616.1	2669.6	2785.6	2782.6	2599.1	2412.6	75°
77.5°	1219.3	1633.9	1677.7	1762.4	1931.8	2162.2	2399.9	2655.5	2719.4	2574.5	2298.9	77.5°
80°	679.9	1110.8	1060.3	1133.1	1315.9	1628.7	1979.4	2261.7	2428.2	2347.2	2055.2	80°
82.5°	347.7	640.5	612.2	713.3	861.2	1133.1	1364.9	1581.9	1778.0	1766.9	1656.2	82.5°
85°	180.6	350.7	399.0	451.8	526.1	623.4	711.1	774.2	856.0	1000.1	1049.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	53.5	38.6	106.3	151.6	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: P181143

NUMBER: ICS-F03-LED-E1-SLR

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
779.4	779.4	779.4	779.4	779.4	779.4	779.4
770.5	771.2	769.8	769.8	770.5	770.5	769.0
769.0	769.0	767.5	766.0	764.6	764.6	763.1
786.1	786.1	780.9	778.7	775.0	772.0	770.5
811.4	806.9	801.0	796.5	790.6	783.9	780.2
836.6	829.9	822.5	815.8	808.4	801.0	797.3
878.2	869.3	859.7	851.5	841.1	829.9	825.5
942.1	928.0	915.4	903.5	884.9	876.8	867.8
1026.8	1006.0	989.7	969.6	946.6	939.2	928.0
1129.4	1111.5	1078.9	1064.0	1041.0	1029.8	1032.0
1285.4	1262.4	1224.5	1210.4	1208.1	1183.6	1171.7
1489.0	1490.5	1455.6	1417.7	1396.9	1358.2	1309.2
1778.8	1758.7	1717.8	1679.2	1630.2	1557.4	1475.6
2129.5	2084.9	2017.3	1945.2	1858.3	1746.1	1631.7
2472.0	2394.0	2286.3	2165.9	2040.3	1900.6	1738.7
2772.9	2651.8	2490.6	2352.4	2174.8	2000.2	1802.5
3047.8	2897.8	2689.7	2510.6	2301.1	2076.7	1842.7
3313.8	3123.6	2868.8	2626.6	2389.5	2128.0	1862.0
3567.2	3322.0	3019.6	2731.3	2454.2	2161.4	1865.0
3761.9	3494.4	3154.8	2807.1	2498.8	2186.7	1865.0
3942.4	3640.0	3258.1	2866.5	2540.4	2203.8	1866.4
4082.9	3742.6	3325.0	2908.9	2573.1	2216.4	1873.1
4184.6	3809.4	3369.6	2934.9	2596.8	2234.2	1888.0
4256.0	3853.3	3394.1	2957.9	2625.8	2265.4	1929.6
4290.2	3934.3	3434.9	3004.0	2675.6	2331.6	2012.8
4264.2	4059.8	3551.6	3082.0	2744.7	2434.9	2145.8
4253.0	4082.9	3583.6	3099.1	2760.3	2457.1	2191.9
4166.1	4105.9	3715.1	3185.3	2834.6	2556.0	2320.4
3896.4	4015.2	3825.8	3330.9	2994.3	2796.0	2560.4
3547.1	3880.8	3805.7	3349.5	3096.1	2992.9	2712.0
3128.8	3474.3	3404.5	3102.1	2983.9	2995.1	2672.6
2462.3	2721.7	2675.6	2569.3	2593.1	2674.8	2289.2
1972.7	1937.8	1831.5	1839.0	1976.4	2072.3	1648.0
1611.6	1304.7	1166.5	1170.2	1410.2	1509.8	1049.9
1533.6	1234.1	1005.3	878.2	1026.1	988.2	548.3
1092.2	1094.5	908.0	737.8	714.8	607.8	341.8
258.6	207.3	147.9	110.0	115.9	76.5	38.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)