

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: P181127

Luminaire Tested: **ICS-E02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181127
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-E02-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4574.7 lumens
Efficiency: N/A
Efficacy: 87.8 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): 52.1
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



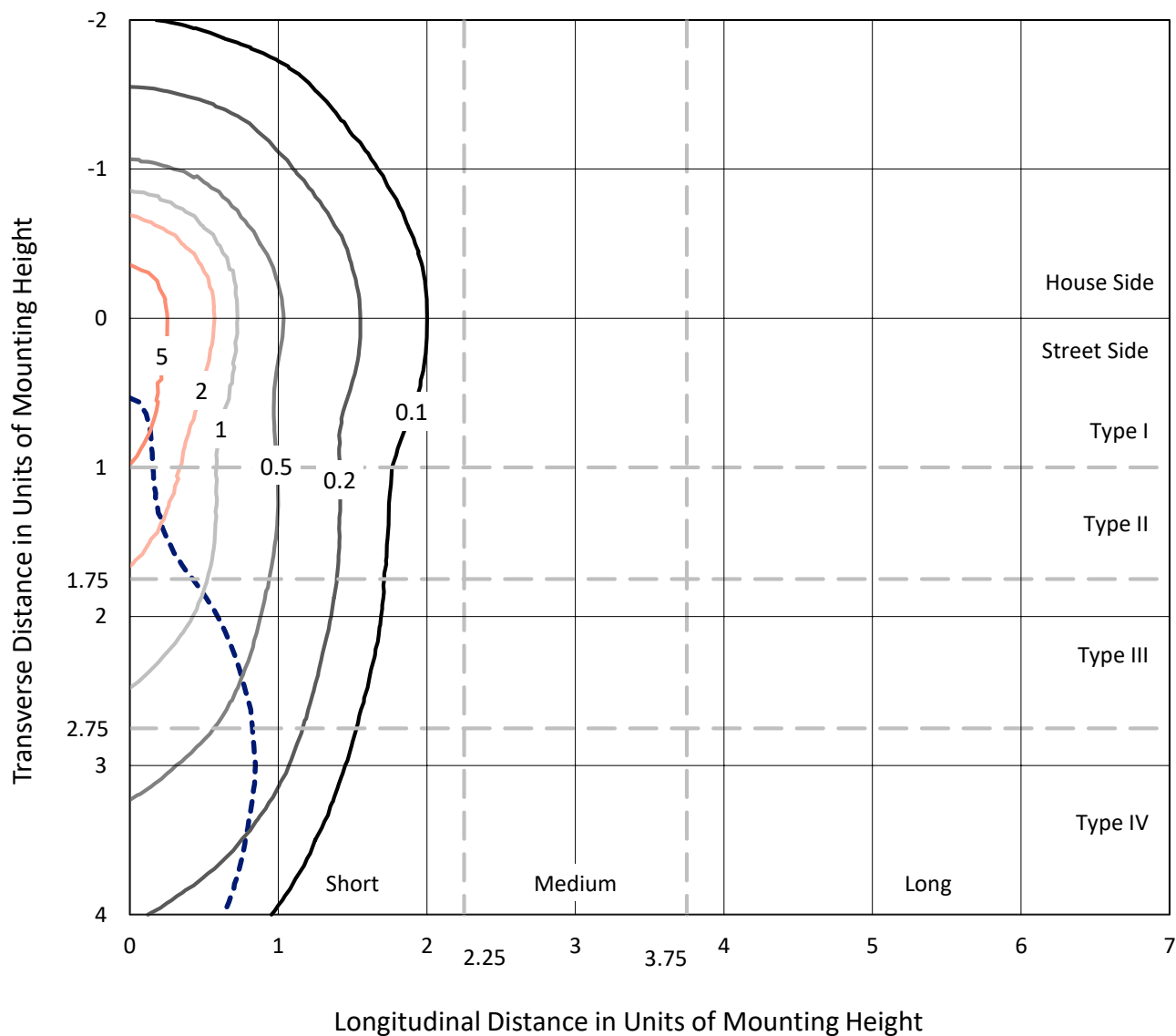
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



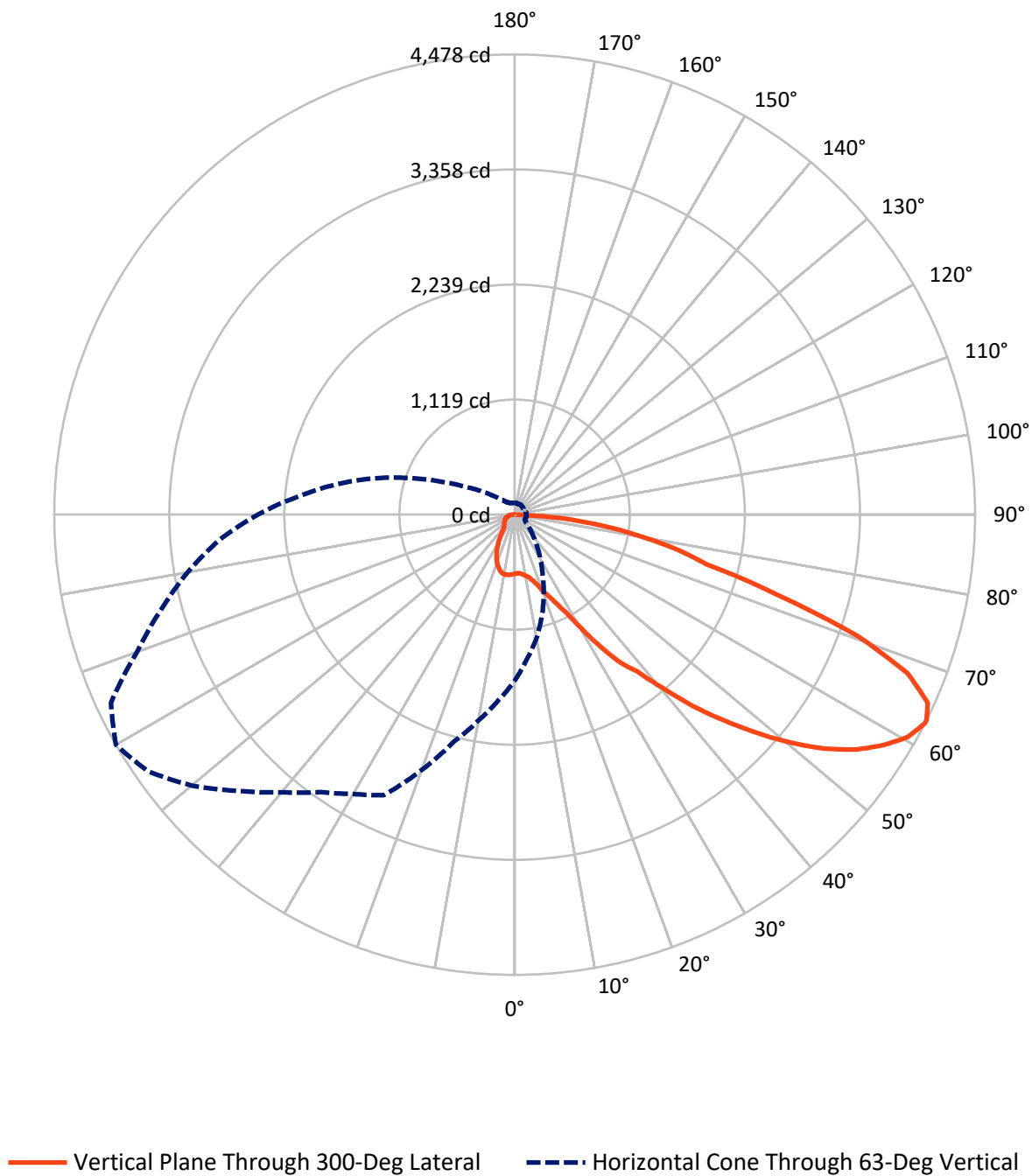
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc

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	992.0	0.0	992.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3582.7	0.0	3582.7
	% Fixture	78.3	0.0	78.3
Total	Lumens	4574.7	0.0	4574.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.0	1.2
10°-20°	174.3	3.8
20°-30°	309.6	6.8
30°-40°	487.6	10.7
40°-50°	717.6	15.7
50°-60°	953.2	20.8
60°-70°	1049.9	23.0
70°-80°	658.7	14.4
80°-90°	167.8	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°	4574.7	100.0
0°-180°	4574.7	100.0

Coefficient of Utilization



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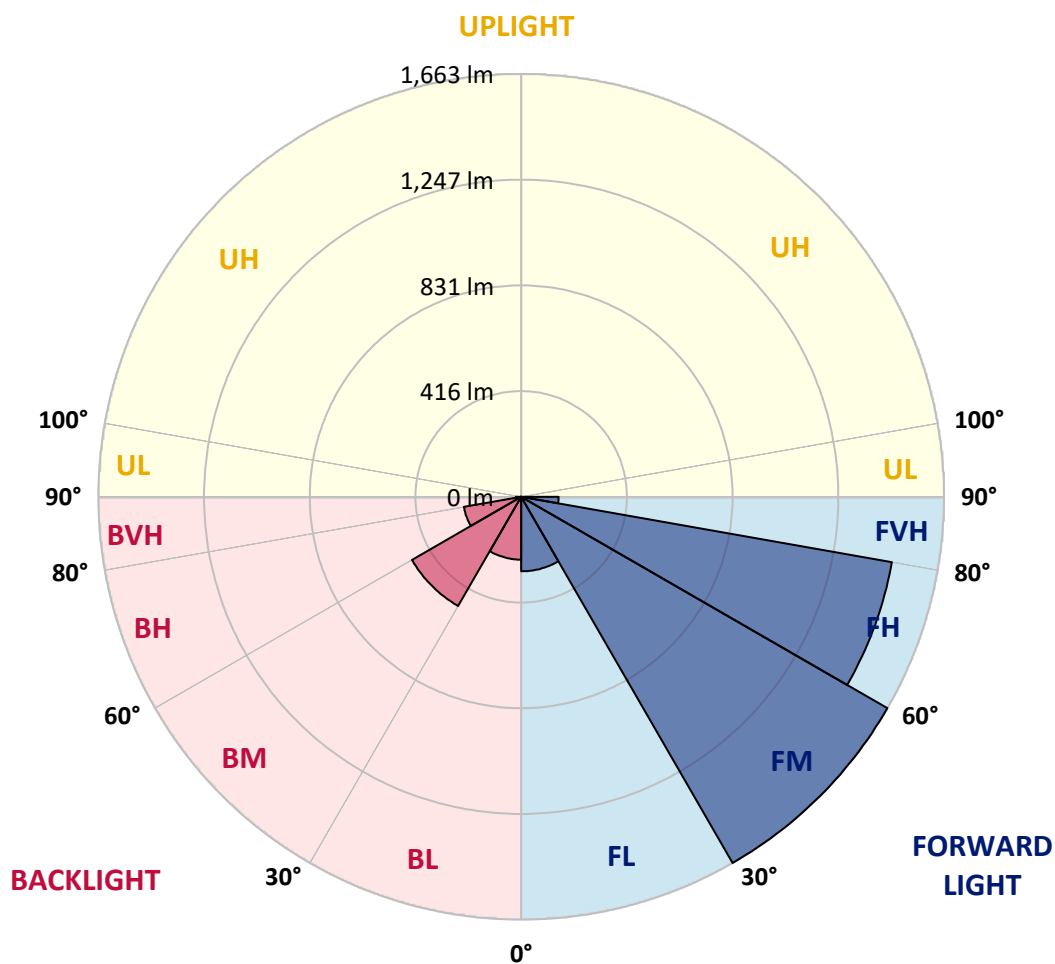
CATALOG NUMBER: ICS-E02-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	292.9	6.4			
FM	(30°-60°)	1662.6	36.3			
FH	(60°-80°)	1480.0	32.4			G1/1800
FVH	(80°-90°)	147.2	3.2			G2/225
BL	(0°-30°)	247.0	5.4	B1/500		
BM	(30°-60°)	495.8	10.8	B1/1000		
BH	(60°-80°)	228.7	5.0	B1/500		G1/500
BVH	(80°-90°)	20.5	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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	567.2	568.9	568.3	568.3	569.4	568.9	568.9	569.4	569.4	571.1	573.2
5°	562.8	562.3	561.2	562.3	562.3	562.3	560.1	561.7	562.3	563.4	563.4
7.5°	568.3	566.7	564.5	565.0	565.0	563.9	562.3	562.8	562.3	562.3	561.7
10°	575.4	571.6	568.9	568.9	568.9	567.8	565.0	566.7	566.7	566.1	566.7
12.5°	588.0	583.7	580.4	579.3	579.3	577.6	575.4	577.6	576.5	576.5	575.4
15°	608.9	603.9	600.1	596.8	597.4	597.4	594.6	593.0	590.8	588.0	582.6
17.5°	640.1	634.6	629.7	627.0	627.5	623.7	616.0	608.3	597.9	587.5	576.0
20°	684.5	682.9	676.3	673.5	667.0	657.6	636.3	618.2	597.9	578.2	558.5
22.5°	761.2	753.6	747.0	736.6	714.6	688.9	653.3	621.5	589.7	561.7	535.4
25°	864.3	850.6	818.2	786.4	741.5	695.5	647.2	606.1	566.7	530.0	497.6
27.5°	965.6	924.0	866.5	808.9	743.1	682.9	622.6	573.8	527.8	487.8	452.1
30°	1088.4	1018.3	930.0	839.0	745.9	664.8	592.4	535.4	482.3	440.1	402.8
32.5°	1203.5	1102.1	986.5	867.0	751.9	647.8	557.9	493.2	438.4	385.3	348.6
35°	1282.4	1150.9	1010.6	869.7	737.1	615.4	514.6	438.4	383.6	334.3	291.0
37.5°	1329.5	1172.3	1011.7	850.0	702.6	571.6	459.8	384.2	333.8	286.6	252.6
40°	1359.1	1177.2	997.4	821.5	658.7	516.3	405.0	337.0	291.0	253.2	226.9
42.5°	1373.4	1169.5	974.4	785.3	614.4	466.9	366.6	302.5	262.5	235.7	215.9
45°	1375.6	1155.8	949.8	752.5	574.9	431.3	340.3	288.3	255.4	232.9	213.2
47.5°	1375.6	1143.8	930.0	728.3	549.1	416.0	338.1	294.3	262.0	236.8	213.2
50°	1376.7	1139.9	921.8	716.3	540.4	424.2	356.8	312.9	276.2	243.3	212.6
52.5°	1381.6	1144.9	928.4	725.6	556.3	457.1	391.8	340.9	294.8	251.0	212.6
55°	1392.6	1161.3	956.3	757.9	599.0	506.9	434.0	371.0	309.6	254.3	209.4
57.5°	1423.3	1202.9	1007.3	820.4	671.9	564.5	472.4	392.4	315.1	251.6	202.8
60°	1484.6	1285.7	1094.4	908.1	749.2	613.8	494.9	395.7	310.2	242.8	192.4
62.5°	1582.7	1380.5	1200.2	1003.5	817.7	641.2	497.6	387.5	297.0	226.9	177.0
63°	1616.7	1404.1	1222.7	1021.5	826.4	643.4	495.4	384.2	293.7	222.5	174.8
65°	1711.5	1503.3	1300.5	1085.1	851.1	643.9	483.4	367.7	278.4	205.5	159.5
67.5°	1888.5	1633.7	1398.6	1135.0	859.9	626.4	452.7	337.0	246.1	179.2	140.3
70°	2000.3	1706.6	1436.4	1136.1	834.1	576.5	399.5	287.2	205.0	148.5	120.6
72.5°	1971.3	1634.8	1336.7	1033.6	722.9	481.7	321.2	225.8	160.0	118.9	100.3
75°	1688.5	1360.8	1090.6	800.7	546.4	354.0	235.1	161.1	118.4	93.2	83.9
77.5°	1215.6	979.3	782.1	570.5	368.3	229.1	156.2	115.1	89.9	76.7	69.1
80°	774.4	574.3	478.4	343.1	215.4	141.9	107.4	87.1	74.0	64.1	59.2
82.5°	404.5	283.3	230.2	175.4	119.5	93.7	78.9	71.2	60.8	53.2	50.4
85°	252.1	167.2	123.9	86.6	59.7	53.7	49.3	48.2	43.3	38.4	36.7
87.5°	28.5	25.8	26.9	17.0	12.6	13.7	13.2	17.5	17.0	12.6	13.2
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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	571.1	572.2	572.2	573.8	573.8	574.9	576.0	576.0	577.1	577.6	578.7
5°	564.5	564.5	564.5	566.7	567.2	570.5	571.6	572.7	573.8	577.6	579.8
7.5°	562.8	560.6	561.7	561.7	563.4	566.1	568.9	570.5	572.2	577.1	580.4
10°	566.1	564.5	562.8	562.8	563.4	564.5	566.7	568.3	569.4	574.3	577.1
12.5°	574.9	571.1	567.8	565.0	562.8	562.3	561.2	561.7	562.8	565.6	569.4
15°	576.5	569.4	562.3	555.2	549.7	546.4	543.7	542.6	542.6	544.2	548.6
17.5°	565.6	553.5	543.1	533.8	527.8	521.7	519.0	516.8	515.7	517.9	518.4
20°	542.0	527.8	513.5	502.6	491.6	489.9	485.6	486.7	487.8	491.0	492.7
22.5°	509.7	492.7	475.2	463.6	454.9	447.2	442.3	444.5	446.1	449.4	451.0
25°	470.2	445.6	426.9	415.4	406.1	399.5	394.0	396.2	394.0	397.9	403.9
27.5°	423.6	394.6	374.9	361.7	355.1	349.6	344.2	344.2	349.6	349.6	354.6
30°	367.2	345.8	320.1	306.4	298.1	294.8	294.3	293.2	297.0	299.2	304.7
32.5°	314.0	287.7	263.1	249.9	242.8	238.9	239.5	240.0	241.7	245.0	253.7
35°	260.3	237.3	219.8	205.0	197.8	190.7	190.7	189.6	191.3	195.1	205.5
37.5°	225.8	205.5	191.8	180.3	173.2	168.8	165.0	163.3	163.3	165.0	168.8
40°	206.6	191.8	179.2	169.3	162.8	158.9	156.7	155.1	154.0	154.0	154.5
42.5°	197.8	182.5	169.9	161.1	156.2	154.0	153.5	152.9	151.3	150.7	150.2
45°	193.5	175.9	161.7	154.5	150.7	149.6	150.2	150.2	149.6	148.5	146.3
47.5°	190.2	169.9	155.6	149.1	147.4	147.4	147.4	147.4	146.9	146.3	144.7
50°	184.7	160.6	145.2	140.3	139.2	139.2	139.8	139.8	140.8	139.8	138.7
52.5°	178.7	151.8	136.5	132.1	131.5	131.0	131.0	131.0	131.5	131.5	131.0
55°	172.1	145.2	132.1	128.8	129.3	128.8	128.2	127.7	127.7	127.1	126.0
57.5°	165.5	139.8	128.8	126.6	127.1	127.1	126.0	125.0	124.4	122.8	121.7
60°	155.6	132.1	122.2	121.1	122.8	122.8	122.8	122.2	122.2	121.7	118.9
62.5°	142.5	121.1	113.4	114.0	114.5	115.6	115.6	115.6	115.6	114.5	111.8
63°	139.8	118.9	111.8	111.8	113.4	113.4	114.0	113.4	114.0	112.9	109.6
65°	128.8	111.8	106.3	106.9	108.0	108.0	108.0	107.4	107.4	105.8	104.1
67.5°	116.2	103.0	99.7	100.3	100.8	101.9	101.4	101.4	101.9	100.8	99.2
70°	101.9	93.7	91.5	92.1	92.6	92.6	92.1	92.1	92.6	91.5	89.9
72.5°	91.0	87.7	86.0	86.0	84.9	84.9	83.9	83.3	82.8	82.8	81.1
75°	76.7	76.2	76.7	77.8	76.7	75.6	75.1	73.4	72.3	72.3	71.8
77.5°	65.8	65.8	66.9	68.5	69.1	69.1	67.4	64.7	64.1	64.1	64.1
80°	57.0	55.9	55.9	57.5	59.2	58.6	55.9	53.2	53.2	55.9	56.4
82.5°	49.9	49.9	48.2	48.8	48.2	47.7	44.9	43.3	42.7	44.9	47.1
85°	39.5	40.0	39.5	38.9	38.4	36.7	34.5	32.9	32.3	34.5	37.8
87.5°	15.9	15.3	14.8	15.3	14.8	15.9	15.3	14.2	13.7	15.3	18.6
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	579.3	580.4	581.5	581.5	582.6	582.0	582.6	583.1	583.1	583.7	583.7
5°	582.6	584.2	586.4	588.6	589.1	590.8	592.4	591.3	593.0	595.2	595.2
7.5°	583.7	587.5	589.1	592.4	593.0	595.2	599.0	596.3	599.6	601.2	601.7
10°	582.0	585.9	588.6	592.4	594.1	597.9	601.7	600.7	604.5	607.2	607.8
12.5°	572.2	576.0	582.0	587.5	591.9	597.9	605.0	602.8	608.3	611.6	613.3
15°	553.0	556.8	563.4	572.2	580.4	589.7	599.0	600.7	606.1	610.0	611.6
17.5°	522.8	527.8	534.9	544.2	554.6	570.5	582.6	588.6	596.3	598.5	601.2
20°	494.9	499.8	504.2	509.7	517.3	532.7	548.6	560.6	570.5	578.7	580.9
22.5°	457.6	462.0	467.5	471.9	477.3	488.3	501.5	515.2	530.5	535.4	540.9
25°	412.7	415.4	423.1	425.8	429.7	439.0	449.4	459.3	474.1	484.5	487.2
27.5°	364.4	367.2	374.3	376.0	380.9	389.7	397.3	401.2	414.9	425.8	434.6
30°	308.5	315.7	324.4	325.5	331.0	336.5	343.6	347.5	360.1	371.6	382.5
32.5°	260.3	267.4	274.6	279.0	281.7	286.1	293.2	297.0	309.1	319.5	330.5
35°	211.0	219.8	227.4	233.5	235.7	241.1	246.6	250.5	263.1	272.4	280.0
37.5°	173.7	180.3	188.5	194.6	200.6	204.4	211.0	216.5	224.1	229.1	237.3
40°	155.6	158.9	163.3	168.2	173.2	177.6	182.5	186.9	191.8	198.4	203.9
42.5°	149.6	150.2	150.2	151.8	154.5	156.7	161.1	164.4	167.7	172.6	175.4
45°	145.2	144.7	143.6	142.5	143.0	144.1	146.9	149.1	152.9	155.1	155.6
47.5°	143.0	140.8	138.7	137.0	136.5	137.0	139.2	141.4	143.6	145.2	145.8
50°	135.9	134.3	131.0	128.8	127.7	128.8	131.5	132.6	134.8	136.5	137.0
52.5°	128.8	126.6	124.4	122.2	122.2	122.8	125.0	127.1	129.3	129.9	131.0
55°	124.4	121.1	118.9	117.3	116.2	117.8	119.5	122.2	125.0	125.5	126.6
57.5°	120.0	116.7	114.5	112.9	111.8	113.4	115.1	118.9	122.2	122.2	122.2
60°	117.3	114.5	111.3	109.6	108.0	109.6	111.8	115.6	118.9	118.4	117.8
62.5°	109.6	106.9	105.2	105.2	103.6	106.3	108.5	112.9	113.4	112.3	111.3
63°	107.4	105.2	104.1	104.1	103.0	105.8	108.0	111.8	111.8	110.7	109.6
65°	101.9	100.3	99.2	100.3	100.3	103.0	103.6	106.3	105.8	104.1	103.6
67.5°	97.6	96.5	95.4	95.4	95.4	95.9	96.5	97.6	97.0	96.5	97.0
70°	90.4	89.9	88.8	88.8	88.2	88.2	88.2	88.8	88.8	89.3	89.9
72.5°	81.7	80.6	80.6	81.1	80.0	80.6	81.1	80.6	81.7	81.7	82.2
75°	71.8	71.2	72.3	73.4	72.9	72.9	73.4	73.4	74.0	74.0	74.5
77.5°	64.1	64.7	65.2	66.3	66.9	66.9	66.9	66.3	66.9	66.9	67.4
80°	57.0	58.1	59.2	60.3	60.8	60.8	60.8	60.3	60.3	60.3	60.3
82.5°	51.5	53.2	54.3	54.8	54.8	54.8	54.8	54.8	54.8	53.7	52.6
85°	43.3	46.6	46.6	47.1	45.5	44.4	43.3	43.8	44.4	42.2	41.7
87.5°	21.9	21.9	23.0	24.1	24.7	24.7	28.0	26.3	25.8	25.2	24.1
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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CATALOG NUMBER: ICS-E02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	584.2	583.7	584.8	583.7	584.2	584.8	583.7	585.3	586.4	584.8	583.1
5°	596.3	596.3	599.0	600.1	600.7	603.9	602.3	603.4	604.5	603.9	604.5
7.5°	603.9	606.1	608.9	611.6	612.2	614.9	614.4	616.0	617.1	619.8	619.8
10°	610.5	613.3	617.1	619.8	622.6	624.8	625.9	629.1	629.7	631.9	631.9
12.5°	616.5	619.8	623.7	628.1	630.8	635.2	635.7	640.7	642.3	642.9	641.2
15°	615.4	619.3	623.7	628.6	633.5	639.0	642.3	647.2	650.0	651.1	648.3
17.5°	605.0	608.3	613.8	620.4	626.4	633.5	639.6	646.7	651.1	652.2	651.6
20°	584.8	587.0	594.1	602.8	610.0	620.9	629.7	640.7	647.8	653.3	654.9
22.5°	544.8	550.2	557.4	567.2	577.6	591.3	603.9	619.8	635.2	648.3	661.5
25°	496.5	506.4	517.3	530.5	543.1	557.4	571.6	589.7	612.2	639.6	670.8
27.5°	447.7	464.7	478.4	495.4	510.2	524.5	540.4	560.1	584.8	617.6	657.6
30°	398.4	417.6	432.4	452.1	471.9	491.0	506.9	527.8	551.9	585.3	629.1
32.5°	345.8	365.0	382.5	400.6	422.5	445.6	464.7	490.5	516.3	550.8	595.2
35°	291.6	308.5	323.3	342.5	366.6	391.3	416.5	446.1	474.1	510.2	557.4
37.5°	244.4	256.5	270.7	287.7	306.4	332.7	361.2	396.2	428.0	467.5	515.7
40°	205.5	212.1	220.3	234.6	251.6	277.3	305.3	342.5	380.9	424.2	470.8
42.5°	175.4	178.7	180.9	190.2	203.9	229.1	255.9	292.1	334.3	381.4	428.6
45°	155.6	157.3	157.8	162.8	172.6	194.6	222.5	253.2	293.7	339.8	389.1
47.5°	146.3	148.0	149.1	150.2	156.2	173.2	198.4	227.4	264.7	306.9	357.3
50°	138.7	140.3	141.9	141.4	144.1	155.1	176.5	203.3	238.4	277.3	327.2
52.5°	131.0	132.1	132.1	132.1	133.7	140.8	156.2	180.9	213.2	249.9	299.2
55°	126.6	127.7	128.2	128.8	129.3	133.2	144.7	164.4	192.4	226.3	270.7
57.5°	122.2	122.8	123.9	124.4	125.5	127.7	134.8	149.1	172.6	201.1	238.4
60°	118.4	119.5	121.7	122.2	123.3	123.9	127.1	135.9	151.3	173.2	203.3
62.5°	112.3	114.0	116.2	116.7	117.8	118.4	118.9	123.9	131.0	144.1	166.6
63°	110.7	112.3	115.1	115.6	116.2	116.2	116.7	120.0	126.6	138.1	154.5
65°	104.7	106.9	108.5	109.1	109.6	109.6	109.1	110.2	110.7	115.6	125.5
67.5°	98.1	99.7	100.8	101.4	100.8	101.4	100.8	99.7	98.6	99.7	104.1
70°	91.5	92.6	92.6	93.2	93.7	94.3	93.2	92.1	91.0	90.4	93.2
72.5°	83.9	84.9	84.9	85.5	85.5	86.6	86.6	86.0	86.0	86.6	87.1
75°	76.2	77.3	76.7	77.8	77.8	79.5	79.5	80.0	81.1	80.6	80.0
77.5°	69.1	69.6	69.6	70.1	70.7	73.4	75.1	75.6	75.6	74.5	73.4
80°	61.4	61.4	60.3	59.7	60.3	63.0	66.3	66.9	68.5	68.0	68.5
82.5°	51.5	49.3	47.7	47.7	48.8	50.4	51.5	52.6	53.7	53.7	54.8
85°	39.5	37.3	35.6	36.2	37.8	38.4	37.8	37.8	40.0	41.7	40.0
87.5°	23.6	21.4	20.3	18.6	19.2	20.8	20.3	18.6	19.2	15.3	14.2
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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	584.2	583.7	582.6	580.9	580.4	579.3	579.8	578.2	577.1	576.0	574.3
5°	604.5	604.5	601.2	601.2	599.6	599.0	595.2	593.5	590.2	591.3	587.5
7.5°	618.7	620.4	616.5	616.0	613.8	613.3	608.3	606.7	603.9	602.8	599.6
10°	629.1	629.1	624.2	620.4	617.6	614.9	610.0	607.8	605.6	606.1	603.9
12.5°	637.4	633.5	626.4	620.9	617.1	614.4	610.5	608.9	608.3	612.2	612.7
15°	643.9	638.5	629.7	625.9	622.6	622.0	622.0	623.7	627.5	634.6	640.1
17.5°	647.8	644.5	640.1	639.0	644.5	647.8	652.2	657.1	662.6	672.4	678.5
20°	654.9	657.1	660.4	664.8	673.5	681.8	687.2	694.4	700.9	713.0	722.9
22.5°	673.5	686.1	696.6	705.3	718.5	730.0	737.1	747.0	751.9	760.1	775.5
25°	697.7	723.4	745.3	764.0	784.2	796.3	806.2	818.8	826.4	840.1	853.8
27.5°	690.5	727.2	760.1	794.7	822.6	853.8	875.8	896.6	909.7	930.0	948.1
30°	668.6	712.5	756.8	802.3	846.7	891.7	933.3	971.1	1000.2	1029.2	1058.8
32.5°	639.0	689.4	743.7	799.6	857.7	920.2	977.7	1034.7	1082.9	1125.1	1166.2
35°	605.0	662.0	718.5	787.5	859.3	938.8	1018.8	1097.7	1171.2	1245.7	1296.1
37.5°	564.5	622.6	685.6	765.1	849.5	947.6	1049.5	1152.5	1256.7	1356.9	1444.1
40°	521.2	580.4	646.7	732.7	828.1	942.1	1069.2	1207.9	1350.9	1496.1	1611.8
42.5°	482.8	543.7	616.0	703.1	806.7	935.0	1085.1	1255.6	1430.4	1610.1	1780.0
45°	445.6	512.4	588.6	682.3	797.4	940.4	1108.7	1300.0	1501.6	1719.7	1926.9
47.5°	412.1	480.1	554.1	656.6	783.7	943.2	1131.7	1344.3	1569.0	1805.2	2051.3
50°	382.0	447.7	520.6	623.7	762.3	941.5	1152.5	1384.3	1627.1	1872.7	2147.2
52.5°	352.4	419.3	493.8	591.9	736.0	932.2	1162.4	1417.2	1680.8	1940.6	2224.5
55°	323.3	389.1	464.2	561.7	701.5	908.1	1161.3	1438.6	1723.6	2004.7	2299.0
57.5°	289.4	351.8	425.3	528.3	664.8	870.8	1144.9	1448.5	1760.3	2068.3	2388.4
60°	247.2	305.8	376.5	479.5	616.5	823.2	1110.3	1443.0	1781.7	2115.4	2464.5
62.5°	195.1	246.1	310.7	411.6	556.3	754.7	1045.7	1393.1	1747.7	2108.9	2500.2
63°	184.1	232.4	295.4	395.1	530.5	736.0	1026.5	1373.4	1731.3	2095.2	2495.2
65°	148.0	179.2	229.6	319.0	443.9	644.5	931.1	1272.0	1643.0	1998.7	2424.0
67.5°	113.4	129.3	156.2	218.7	314.0	506.9	754.1	1078.0	1426.0	1760.3	2194.4
70°	97.0	104.1	115.6	145.2	199.5	320.1	529.4	804.0	1105.4	1395.3	1785.5
72.5°	88.2	91.5	97.6	110.2	137.0	191.8	337.6	523.4	751.9	994.7	1296.1
75°	81.1	83.9	88.8	95.4	105.2	127.7	192.4	320.1	488.9	653.3	874.7
77.5°	74.0	75.6	81.1	87.1	93.7	105.2	127.1	184.1	281.1	385.3	527.2
80°	68.0	66.9	70.7	80.6	87.1	93.7	100.3	119.5	160.0	211.0	285.0
82.5°	54.3	55.4	58.6	68.5	71.2	69.6	70.7	74.0	89.3	97.6	145.8
85°	36.7	34.0	33.4	34.5	34.5	32.9	32.9	32.3	35.6	40.6	69.6
87.5°	9.9	4.9	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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	0°
2.5°	573.2	572.7	573.2	570.5	570.5	570.0	569.4	568.3	568.3	566.1	567.8	2.5°
5°	584.2	583.1	580.9	577.6	576.0	573.8	573.8	571.6	570.0	567.8	568.3	5°
7.5°	596.8	597.4	593.5	590.8	589.7	587.5	588.0	584.8	585.3	583.7	582.6	7.5°
10°	603.9	603.9	605.0	604.5	605.6	605.6	607.2	605.0	603.9	602.3	602.3	10°
12.5°	615.4	617.6	622.0	622.0	625.3	626.4	627.0	628.1	625.9	624.8	620.9	12.5°
15°	643.9	649.4	653.3	658.7	665.3	667.5	667.5	665.3	664.2	662.6	655.5	15°
17.5°	691.1	703.1	706.4	715.2	716.3	719.0	726.7	722.3	719.6	708.1	705.9	17.5°
20°	739.3	754.7	770.0	781.0	786.4	797.4	799.0	796.9	785.9	774.9	770.0	20°
22.5°	797.4	820.4	838.0	854.9	863.2	868.6	880.7	878.0	869.2	852.8	846.2	22.5°
25°	879.6	908.1	926.7	947.6	958.5	964.0	976.1	976.1	966.7	961.8	961.3	25°
27.5°	983.2	1018.3	1048.9	1056.1	1084.6	1091.1	1102.7	1102.7	1093.9	1087.9	1116.9	27.5°
30°	1098.3	1135.0	1188.2	1223.8	1258.3	1292.3	1291.7	1293.9	1304.3	1309.8	1322.4	30°
32.5°	1213.4	1258.8	1315.3	1392.6	1466.6	1529.6	1611.2	1663.3	1647.4	1603.0	1585.5	32.5°
35°	1353.1	1403.5	1472.0	1549.9	1685.2	1766.9	1806.3	1834.3	1837.6	1843.6	1856.2	35°
37.5°	1508.8	1593.2	1672.6	1760.9	1835.9	1935.1	2026.7	2100.1	2117.1	2151.6	2131.9	37.5°
40°	1705.5	1799.8	1883.1	1997.1	2097.9	2217.4	2348.4	2449.2	2489.7	2476.6	2377.9	40°
42.5°	1911.6	2028.3	2125.8	2260.1	2391.1	2548.9	2684.3	2825.1	2850.4	2749.0	2601.5	42.5°
45°	2101.2	2245.9	2367.0	2506.7	2666.8	2855.8	3036.7	3181.4	3176.4	3002.7	2805.4	45°
47.5°	2271.6	2449.2	2597.2	2779.1	2951.2	3176.4	3384.1	3491.0	3428.0	3222.5	2980.8	47.5°
50°	2412.5	2633.9	2816.4	3000.5	3219.2	3490.5	3690.5	3750.8	3629.1	3405.5	3151.2	50°
52.5°	2525.9	2803.8	3008.7	3220.8	3497.0	3782.6	3954.7	3932.2	3774.9	3545.3	3292.1	52.5°
55°	2621.8	2933.7	3178.1	3428.5	3771.1	4034.1	4148.7	4088.4	3868.6	3635.7	3388.5	55°
57.5°	2721.0	3059.7	3333.7	3624.2	4005.6	4231.4	4295.0	4171.1	3913.0	3670.2	3430.2	57.5°
60°	2820.2	3164.9	3471.3	3795.2	4183.2	4392.5	4375.0	4189.8	3899.9	3645.0	3402.2	60°
62.5°	2887.1	3227.4	3551.3	3900.4	4316.4	4474.7	4367.3	4123.5	3823.7	3545.8	3318.9	62.5°
63°	2888.7	3229.6	3556.2	3907.5	4331.2	4477.5	4352.5	4099.9	3799.6	3525.5	3294.3	63°
65°	2854.2	3188.5	3512.4	3875.2	4318.6	4414.5	4224.8	3960.7	3662.0	3385.2	3166.0	65°
67.5°	2677.7	3018.6	3304.7	3646.7	4092.8	4120.2	3882.9	3669.7	3401.1	3114.5	2885.4	67.5°
70°	2322.0	2605.4	2886.0	3171.5	3545.8	3540.9	3317.8	3209.3	2974.2	2647.6	2464.0	70°
72.5°	1846.9	2101.2	2298.5	2489.7	2736.4	2686.5	2542.9	2573.0	2420.7	2176.8	2067.8	72.5°
75°	1371.2	1650.7	1747.2	1825.0	1929.1	1929.6	1969.1	2054.6	2052.4	1917.0	1779.5	75°
77.5°	899.3	1205.1	1237.5	1300.0	1424.9	1594.8	1770.2	1958.7	2005.8	1899.0	1695.6	77.5°
80°	501.5	819.3	782.1	835.8	970.6	1201.3	1460.0	1668.2	1791.0	1731.3	1515.9	80°
82.5°	256.5	472.4	451.6	526.1	635.2	835.8	1006.7	1166.8	1311.5	1303.2	1221.6	82.5°
85°	133.2	258.7	294.3	333.2	388.0	459.8	524.5	571.1	631.3	737.7	773.8	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	39.5	28.5	78.4	111.8	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°
574.9	574.9	574.9	574.9	574.9	574.9	574.9
568.3	568.9	567.8	567.8	568.3	568.3	567.2
567.2	567.2	566.1	565.0	563.9	563.9	562.8
579.8	579.8	576.0	574.3	571.6	569.4	568.3
598.5	595.2	590.8	587.5	583.1	578.2	575.4
617.1	612.2	606.7	601.7	596.3	590.8	588.0
647.8	641.2	634.1	628.1	620.4	612.2	608.9
694.9	684.5	675.2	666.4	652.7	646.7	640.1
757.4	742.0	730.0	715.2	698.2	692.7	684.5
833.0	819.9	795.8	784.8	767.8	759.6	761.2
948.1	931.1	903.2	892.8	891.1	873.0	864.3
1098.3	1099.4	1073.6	1045.7	1030.3	1001.8	965.6
1312.0	1297.2	1267.1	1238.6	1202.4	1148.7	1088.4
1570.7	1537.8	1487.9	1434.8	1370.6	1287.9	1203.5
1823.3	1765.8	1686.3	1597.5	1504.9	1401.9	1282.4
2045.3	1956.0	1837.0	1735.1	1604.1	1475.3	1329.5
2248.1	2137.4	1983.9	1851.8	1697.3	1531.8	1359.1
2444.3	2304.0	2116.0	1937.3	1762.5	1569.6	1373.4
2631.1	2450.3	2227.2	2014.6	1810.2	1594.2	1375.6
2774.7	2577.4	2327.0	2070.5	1843.1	1612.9	1375.6
2907.9	2684.8	2403.2	2114.3	1873.7	1625.5	1376.7
3011.5	2760.5	2452.5	2145.6	1897.9	1634.8	1381.6
3086.6	2809.8	2485.4	2164.8	1915.4	1648.0	1392.6
3139.2	2842.1	2503.4	2181.7	1936.8	1671.0	1423.3
3164.4	2901.9	2533.6	2215.7	1973.5	1719.7	1484.6
3145.2	2994.5	2619.6	2273.3	2024.5	1795.9	1582.7
3137.0	3011.5	2643.2	2285.9	2036.0	1812.4	1616.7
3072.9	3028.5	2740.2	2349.4	2090.8	1885.3	1711.5
2873.9	2961.6	2821.9	2456.9	2208.6	2062.3	1888.5
2616.3	2862.4	2807.1	2470.6	2283.7	2207.5	2000.3
2307.8	2562.6	2511.1	2288.1	2200.9	2209.1	1971.3
1816.2	2007.5	1973.5	1895.1	1912.7	1972.9	1688.5
1455.0	1429.3	1350.9	1356.4	1457.8	1528.5	1215.6
1188.7	962.4	860.4	863.2	1040.2	1113.6	774.4
1131.2	910.3	741.5	647.8	756.8	728.9	404.5
805.6	807.3	669.7	544.2	527.2	448.3	252.1
190.7	152.9	109.1	81.1	85.5	56.4	28.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)