

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: P153294

Luminaire Tested: **VXS-F02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153294
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: VXS-F02-LED-E1-SLR-7030
Description: VISION SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4195.9 lumens
Efficiency: N/A
Efficacy: 76.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
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



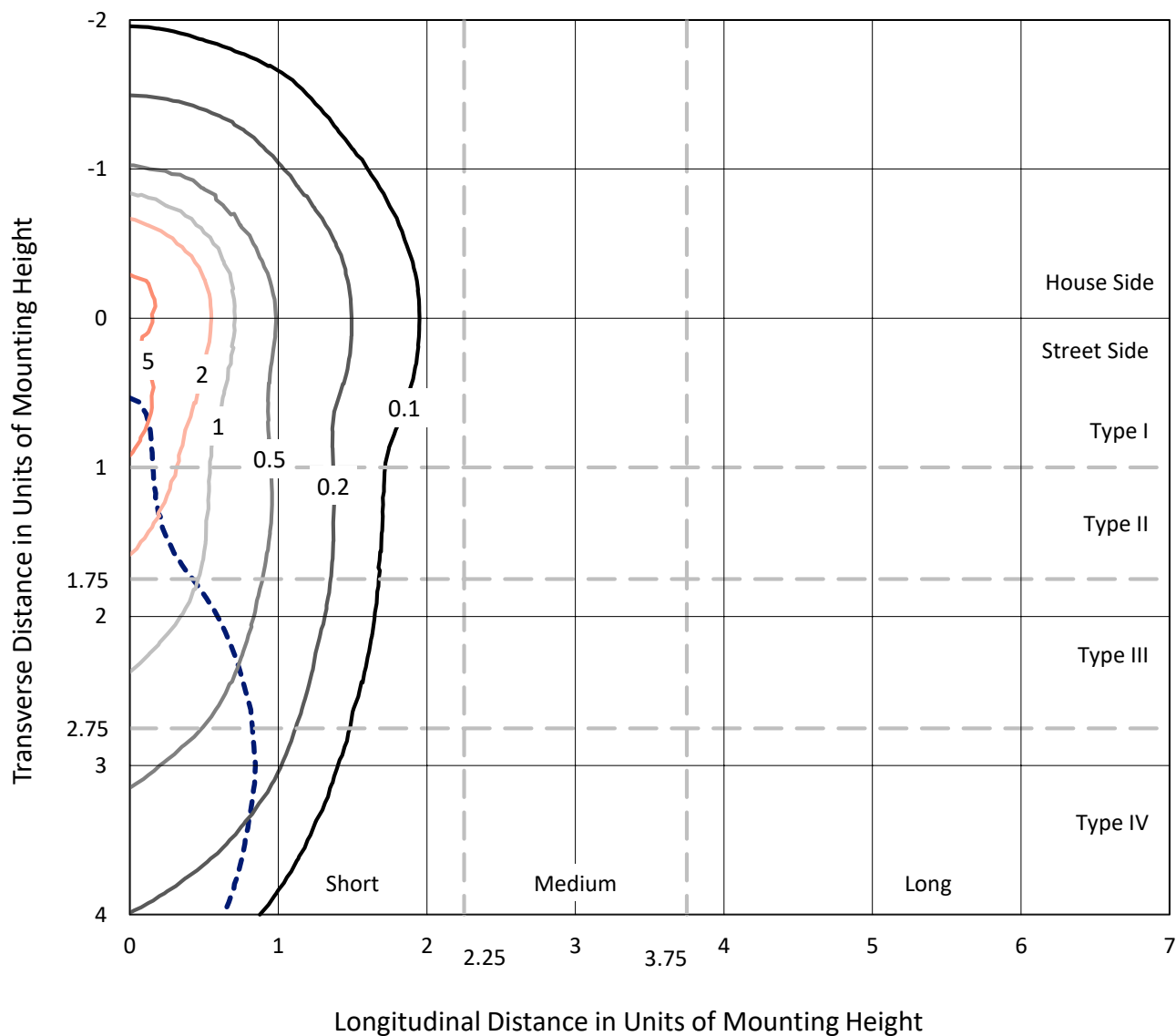
REPORT NUMBER: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

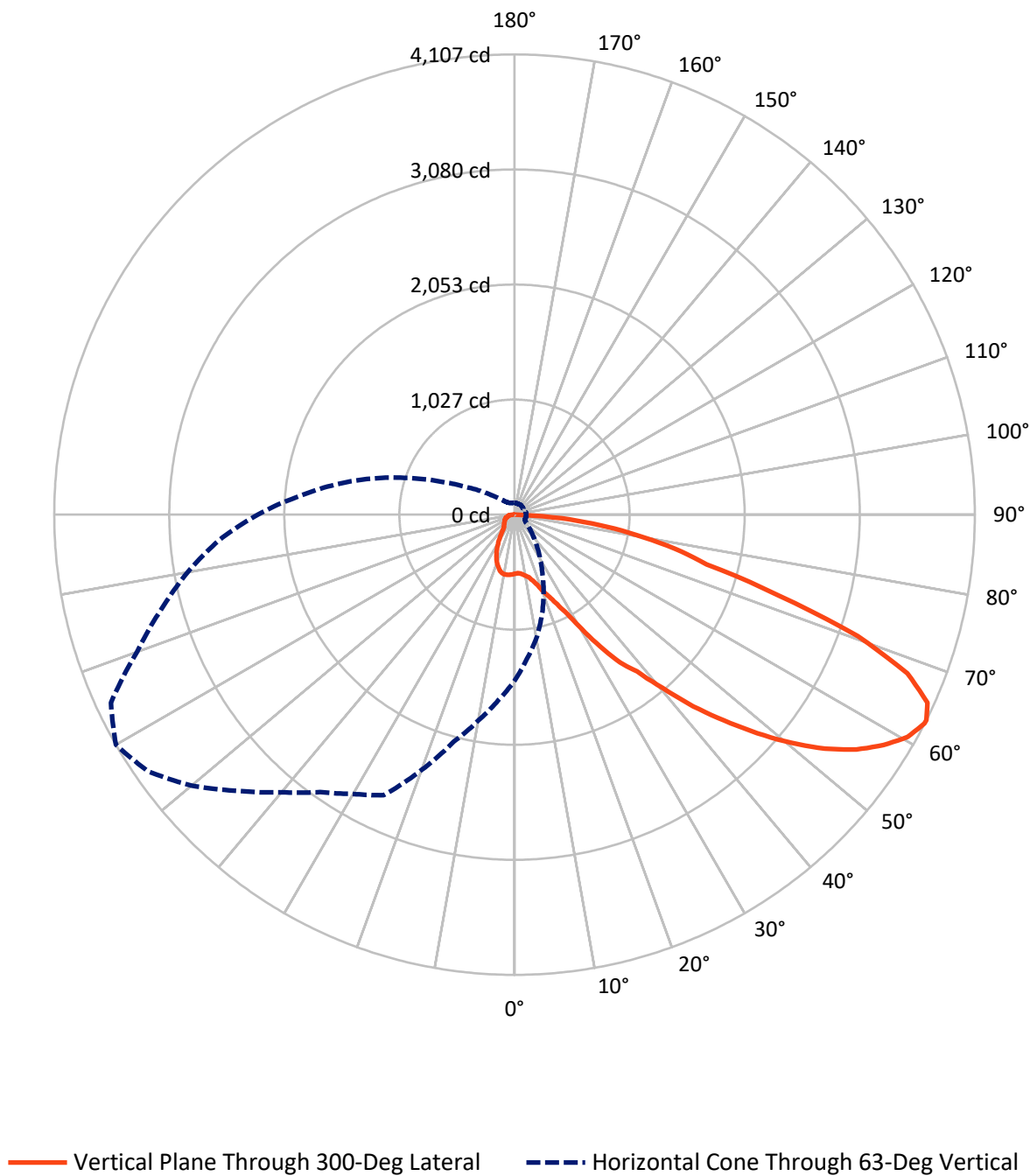


Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	909.9	0.0	909.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3286.0	0.0	3286.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	4195.9	0.0	4195.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	1.2
10°-20°	159.9	3.8
20°-30°	284.0	6.8
30°-40°	447.2	10.7
40°-50°	658.2	15.7
50°-60°	874.3	20.8
60°-70°	963.0	23.0
70°-80°	604.2	14.4
80°-90°	153.9	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°	4195.9	100.0
0°-180°	4195.9	100.0

Coefficient of Utilization



REPORT NUMBER: P153294

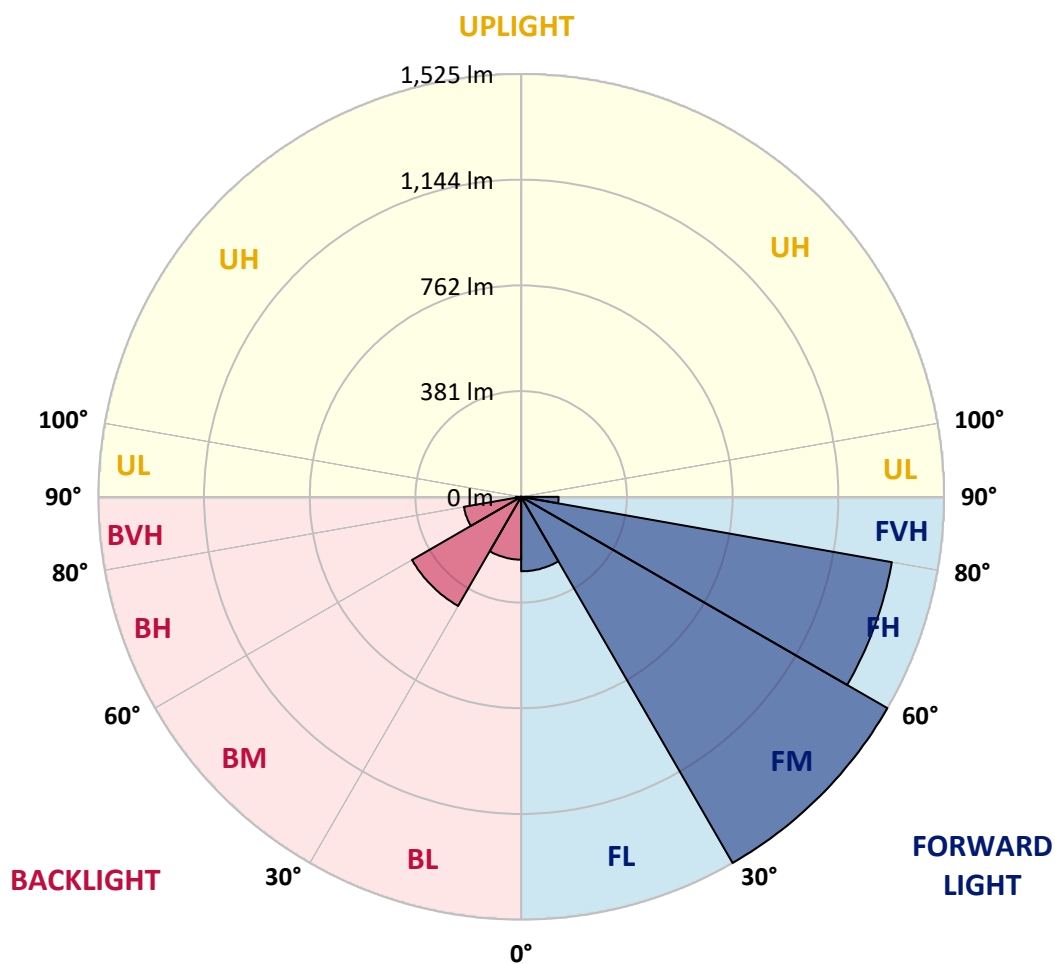
CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	268.7	6.4			
FM	(30°-60°)	1524.9	36.3			
FH	(60°-80°)	1357.4	32.4			G1/1800
FVH	(80°-90°)	135.0	3.2			G2/225
BL	(0°-30°)	226.5	5.4	B1/500		
BM	(30°-60°)	454.8	10.8	B1/1000		
BH	(60°-80°)	209.7	5.0	B1/500		G1/500
BVH	(80°-90°)	18.8	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: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	520.2	521.8	521.2	521.2	522.3	521.8	521.8	522.3	522.3	523.7	525.8
5°	516.3	515.8	514.7	515.8	515.8	515.8	513.7	515.2	515.8	516.8	516.8
7.5°	521.2	519.8	517.7	518.2	518.2	517.2	515.8	516.3	515.8	515.8	515.2
10°	527.8	524.2	521.8	521.8	521.8	520.7	518.2	519.8	519.8	519.3	519.8
12.5°	539.4	535.3	532.3	531.3	531.3	529.8	527.8	529.8	528.8	528.8	527.8
15°	558.4	553.9	550.5	547.4	547.9	547.9	545.4	543.8	541.9	539.4	534.3
17.5°	587.2	582.1	577.5	575.0	575.5	572.0	565.0	557.9	548.4	538.9	528.3
20°	627.9	626.3	620.3	617.7	611.7	603.2	583.6	567.0	548.4	530.3	512.2
22.5°	698.2	691.2	685.1	675.5	655.4	631.8	599.2	570.1	540.8	515.2	491.1
25°	792.7	780.1	750.5	721.3	680.1	637.9	593.7	556.0	519.8	486.1	456.4
27.5°	885.7	847.5	794.7	742.0	681.7	626.3	571.0	526.3	484.0	447.4	414.7
30°	998.2	934.0	853.1	769.5	684.1	609.7	543.4	491.1	442.4	403.6	369.4
32.5°	1103.8	1010.9	904.8	795.2	689.6	594.2	511.7	452.4	402.2	353.4	319.7
35°	1176.3	1055.5	926.9	797.7	676.1	564.5	472.0	402.2	351.8	306.6	266.9
37.5°	1219.5	1075.2	927.9	779.6	644.5	524.2	421.8	352.3	306.1	262.9	231.7
40°	1246.6	1079.7	914.8	753.5	604.2	473.5	371.5	309.1	266.9	232.2	208.1
42.5°	1259.7	1072.6	893.8	720.3	563.5	428.3	336.3	277.5	240.7	216.2	198.0
45°	1261.7	1060.1	871.1	690.2	527.3	395.5	312.1	264.4	234.2	213.7	195.5
47.5°	1261.7	1049.0	853.1	668.1	503.6	381.6	310.2	269.9	240.3	217.1	195.5
50°	1262.7	1045.5	845.5	657.0	495.6	389.0	327.3	287.0	253.4	223.2	195.0
52.5°	1267.3	1050.1	851.5	665.5	510.2	419.2	359.4	312.6	270.5	230.3	195.0
55°	1277.3	1065.2	877.1	695.2	549.4	465.0	398.1	340.3	284.0	233.3	192.0
57.5°	1305.4	1103.3	923.9	752.4	616.3	517.7	433.3	359.9	289.0	230.7	186.0
60°	1361.8	1179.3	1003.8	833.0	687.2	563.0	453.9	362.9	284.5	222.7	176.5
62.5°	1451.7	1266.2	1100.8	920.4	749.9	588.1	456.4	355.3	272.4	208.1	162.4
63°	1482.9	1287.8	1121.5	937.0	758.0	590.2	454.4	352.3	269.4	204.0	160.3
65°	1569.8	1378.8	1192.8	995.2	780.6	590.7	443.3	337.3	255.3	188.5	146.3
67.5°	1732.1	1498.4	1282.8	1041.0	788.7	574.5	415.2	309.1	225.7	164.4	128.7
70°	1834.7	1565.3	1317.5	1042.0	765.1	528.8	366.4	263.4	188.0	136.3	110.6
72.5°	1808.1	1499.5	1226.0	948.0	663.0	441.9	294.6	207.0	146.7	109.1	92.0
75°	1548.7	1248.1	1000.3	734.4	501.1	324.8	215.6	147.8	108.6	85.5	76.9
77.5°	1114.9	898.2	717.3	523.3	337.8	210.2	143.2	105.6	82.5	70.4	63.3
80°	710.3	526.8	438.9	314.7	197.5	130.2	98.5	79.9	67.9	58.9	54.3
82.5°	371.0	259.9	211.1	160.8	109.5	85.9	72.3	65.4	55.8	48.8	46.2
85°	231.2	153.3	113.6	79.4	54.8	49.2	45.3	44.2	39.7	35.2	33.7
87.5°	26.1	23.6	24.7	15.5	11.6	12.5	12.0	16.1	15.5	11.6	12.0
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: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	523.7	524.8	524.8	526.3	526.3	527.3	528.3	528.3	529.3	529.8	530.8
5°	517.7	517.7	517.7	519.8	520.2	523.3	524.2	525.3	526.3	529.8	531.8
7.5°	516.3	514.2	515.2	515.2	516.8	519.3	521.8	523.3	524.8	529.3	532.3
10°	519.3	517.7	516.3	516.3	516.8	517.7	519.8	521.2	522.3	526.8	529.3
12.5°	527.3	523.7	520.7	518.2	516.3	515.8	514.7	515.2	516.3	518.8	522.3
15°	528.8	522.3	515.8	509.2	504.1	501.1	498.7	497.6	497.6	499.2	503.2
17.5°	518.8	507.7	498.1	489.6	484.0	478.5	476.1	474.0	473.1	475.0	475.5
20°	497.1	484.0	471.0	460.9	450.9	449.4	445.4	446.3	447.4	450.4	451.9
22.5°	467.5	451.9	435.9	425.3	417.2	410.2	405.7	407.7	409.1	412.2	413.7
25°	431.3	408.7	391.6	381.0	372.4	366.4	361.5	363.4	361.5	365.0	370.5
27.5°	388.6	361.9	343.8	331.7	325.7	320.7	315.6	315.6	320.7	320.7	325.2
30°	336.8	317.2	293.6	281.0	273.5	270.5	269.9	268.9	272.4	274.4	279.5
32.5°	288.0	263.9	241.2	229.2	222.7	219.2	219.7	220.2	221.7	224.7	232.7
35°	238.8	217.6	201.6	188.0	181.5	174.9	174.9	173.9	175.4	179.0	188.5
37.5°	207.0	188.5	176.0	165.4	158.9	154.8	151.3	149.8	149.8	151.3	154.8
40°	189.5	176.0	164.4	155.3	149.3	145.8	143.7	142.3	141.2	141.2	141.8
42.5°	181.5	167.4	155.9	147.8	143.2	141.2	140.7	140.2	138.8	138.2	137.7
45°	177.4	161.3	148.3	141.8	138.2	137.2	137.7	137.7	137.2	136.3	134.2
47.5°	174.4	155.9	142.8	136.7	135.2	135.2	135.2	135.2	134.7	134.2	132.7
50°	169.4	147.3	133.2	128.7	127.7	127.7	128.2	128.2	129.2	128.2	127.2
52.5°	163.8	139.3	125.2	121.1	120.6	120.1	120.1	120.1	120.6	120.6	120.1
55°	157.8	133.2	121.1	118.1	118.7	118.1	117.6	117.1	117.1	116.6	115.6
57.5°	151.8	128.2	118.1	116.2	116.6	116.6	115.6	114.6	114.1	112.6	111.6
60°	142.8	121.1	112.1	111.1	112.6	112.6	112.6	112.1	112.1	111.6	109.1
62.5°	130.7	111.1	104.0	104.6	105.1	106.0	106.0	106.0	106.0	105.1	102.6
63°	128.2	109.1	102.6	102.6	104.0	104.0	104.6	104.0	104.6	103.5	100.5
65°	118.1	102.6	97.5	98.0	99.1	99.1	99.1	98.5	98.5	97.0	95.5
67.5°	106.5	94.5	91.5	92.0	92.5	93.5	93.0	93.0	93.5	92.5	91.0
70°	93.5	85.9	83.9	84.5	85.0	85.0	84.5	84.5	85.0	83.9	82.5
72.5°	83.4	80.4	79.0	79.0	77.9	77.9	76.9	76.4	75.9	75.9	74.4
75°	70.4	69.8	70.4	71.4	70.4	69.3	68.9	67.4	66.3	66.3	65.8
77.5°	60.3	60.3	61.3	62.8	63.3	63.3	61.9	59.3	58.9	58.9	58.9
80°	52.2	51.3	51.3	52.7	54.3	53.8	51.3	48.8	48.8	51.3	51.8
82.5°	45.7	45.7	44.2	44.8	44.2	43.7	41.2	39.7	39.2	41.2	43.2
85°	36.2	36.7	36.2	35.6	35.2	33.7	31.7	30.2	29.6	31.7	34.7
87.5°	14.6	14.1	13.6	14.1	13.6	14.6	14.1	13.1	12.5	14.1	17.1
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: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	531.3	532.3	533.4	533.4	534.3	533.8	534.3	534.8	534.8	535.3	535.3
5°	534.3	535.9	537.8	539.9	540.3	541.9	543.4	542.4	543.8	545.9	545.9
7.5°	535.3	538.9	540.3	543.4	543.8	545.9	549.4	546.9	549.9	551.4	551.9
10°	533.8	537.3	539.9	543.4	544.9	548.4	551.9	550.9	554.4	557.0	557.4
12.5°	524.8	528.3	533.8	538.9	542.9	548.4	554.9	553.0	557.9	560.9	562.5
15°	507.2	510.7	516.8	524.8	532.3	540.8	549.4	550.9	556.0	559.5	560.9
17.5°	479.6	484.0	490.6	499.2	508.7	523.3	534.3	539.9	546.9	548.9	551.4
20°	453.9	458.4	462.5	467.5	474.5	488.6	503.2	514.2	523.3	530.8	532.8
22.5°	419.7	423.7	428.8	432.7	437.8	447.9	459.9	472.5	486.5	491.1	496.2
25°	378.5	381.0	388.1	390.6	394.1	402.6	412.2	421.2	434.8	444.4	446.8
27.5°	334.3	336.8	343.3	344.9	349.3	357.4	364.5	368.0	380.5	390.6	398.7
30°	283.0	289.5	297.6	298.5	303.6	308.6	315.1	318.7	330.3	340.8	350.9
32.5°	238.8	245.3	251.8	255.9	258.3	262.4	268.9	272.4	283.5	293.1	303.1
35°	193.6	201.6	208.6	214.1	216.2	221.1	226.2	229.7	241.2	249.8	256.9
37.5°	159.4	165.4	173.0	178.4	183.9	187.5	193.6	198.5	205.6	210.2	217.6
40°	142.8	145.8	149.8	154.3	158.9	162.9	167.4	171.4	176.0	182.0	186.9
42.5°	137.2	137.7	137.7	139.3	141.8	143.7	147.8	150.8	153.8	158.3	160.8
45°	133.2	132.7	131.7	130.7	131.2	132.2	134.7	136.7	140.2	142.3	142.8
47.5°	131.2	129.2	127.2	125.7	125.2	125.7	127.7	129.6	131.7	133.2	133.7
50°	124.7	123.1	120.1	118.1	117.1	118.1	120.6	121.7	123.6	125.2	125.7
52.5°	118.1	116.2	114.1	112.1	112.1	112.6	114.6	116.6	118.7	119.2	120.1
55°	114.1	111.1	109.1	107.6	106.5	108.1	109.5	112.1	114.6	115.1	116.2
57.5°	110.1	107.0	105.1	103.5	102.6	104.0	105.6	109.1	112.1	112.1	112.1
60°	107.6	105.1	102.1	100.5	99.1	100.5	102.6	106.0	109.1	108.6	108.1
62.5°	100.5	98.0	96.5	96.5	95.0	97.5	99.5	103.5	104.0	103.0	102.1
63°	98.5	96.5	95.5	95.5	94.5	97.0	99.1	102.6	102.6	101.6	100.5
65°	93.5	92.0	91.0	92.0	92.0	94.5	95.0	97.5	97.0	95.5	95.0
67.5°	89.4	88.5	87.5	87.5	87.5	88.0	88.5	89.4	89.0	88.5	89.0
70°	82.9	82.5	81.5	81.5	80.9	80.9	80.9	81.5	81.5	82.0	82.5
72.5°	74.9	73.9	73.9	74.4	73.4	73.9	74.4	73.9	74.9	74.9	75.4
75°	65.8	65.4	66.3	67.4	66.8	66.8	67.4	67.4	67.9	67.9	68.4
77.5°	58.9	59.3	59.8	60.8	61.3	61.3	61.3	60.8	61.3	61.3	61.9
80°	52.2	53.3	54.3	55.3	55.8	55.8	55.8	55.3	55.3	55.3	55.3
82.5°	47.3	48.8	49.7	50.3	50.3	50.3	50.3	50.3	50.3	49.2	48.3
85°	39.7	42.7	42.7	43.2	41.8	40.7	39.7	40.2	40.7	38.8	38.2
87.5°	20.1	20.1	21.1	22.1	22.6	22.6	25.6	24.1	23.6	23.1	22.1
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: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	535.9	535.3	536.4	535.3	535.9	536.4	535.3	536.9	537.8	536.4	534.8
5°	546.9	546.9	549.4	550.5	550.9	553.9	552.4	553.5	554.4	553.9	554.4
7.5°	553.9	556.0	558.4	560.9	561.5	563.9	563.5	565.0	566.0	568.5	568.5
10°	560.0	562.5	566.0	568.5	571.0	573.1	574.0	577.1	577.5	579.6	579.6
12.5°	565.5	568.5	572.0	576.1	578.5	582.6	583.1	587.6	589.1	589.6	588.1
15°	564.5	568.0	572.0	576.6	581.0	586.1	589.1	593.7	596.2	597.2	594.6
17.5°	554.9	557.9	563.0	569.0	574.5	581.0	586.6	593.2	597.2	598.1	597.6
20°	536.4	538.3	544.9	553.0	559.5	569.5	577.5	587.6	594.2	599.2	600.7
22.5°	499.7	504.7	511.2	520.2	529.8	542.4	553.9	568.5	582.6	594.6	606.7
25°	455.4	464.5	474.5	486.5	498.1	511.2	524.2	540.8	561.5	586.6	615.2
27.5°	410.7	426.2	438.9	454.4	468.0	481.0	495.6	513.7	536.4	566.5	603.2
30°	365.4	383.0	396.6	414.7	432.7	450.4	465.0	484.0	506.2	536.9	577.1
32.5°	317.2	334.8	350.9	367.5	387.6	408.7	426.2	449.8	473.5	505.2	545.9
35°	267.5	283.0	296.6	314.2	336.3	358.9	382.1	409.1	434.8	468.0	511.2
37.5°	224.1	235.2	248.3	263.9	281.0	305.1	331.3	363.4	392.5	428.8	473.1
40°	188.5	194.5	202.1	215.1	230.7	254.3	280.0	314.2	349.3	389.0	431.8
42.5°	160.8	163.8	165.9	174.4	186.9	210.2	234.7	267.9	306.6	349.8	393.1
45°	142.8	144.2	144.8	149.3	158.3	178.4	204.0	232.2	269.4	311.6	356.9
47.5°	134.2	135.8	136.7	137.7	143.2	158.9	182.0	208.6	242.8	281.5	327.8
50°	127.2	128.7	130.2	129.6	132.2	142.3	161.9	186.5	218.7	254.3	300.1
52.5°	120.1	121.1	121.1	121.1	122.7	129.2	143.2	165.9	195.5	229.2	274.4
55°	116.2	117.1	117.6	118.1	118.7	122.2	132.7	150.8	176.5	207.6	248.3
57.5°	112.1	112.6	113.6	114.1	115.1	117.1	123.6	136.7	158.3	184.5	218.7
60°	108.6	109.5	111.6	112.1	113.1	113.6	116.6	124.7	138.8	158.9	186.5
62.5°	103.0	104.6	106.5	107.0	108.1	108.6	109.1	113.6	120.1	132.2	152.8
63°	101.6	103.0	105.6	106.0	106.5	106.5	107.0	110.1	116.2	126.6	141.8
65°	96.0	98.0	99.5	100.0	100.5	100.5	100.0	101.0	101.6	106.0	115.1
67.5°	89.9	91.5	92.5	93.0	92.5	93.0	92.5	91.5	90.5	91.5	95.5
70°	83.9	85.0	85.0	85.5	85.9	86.4	85.5	84.5	83.4	82.9	85.5
72.5°	76.9	77.9	77.9	78.4	78.4	79.4	79.4	79.0	79.0	79.4	79.9
75°	69.8	70.9	70.4	71.4	71.4	72.8	72.8	73.4	74.4	73.9	73.4
77.5°	63.3	63.8	63.8	64.4	64.9	67.4	68.9	69.3	69.3	68.4	67.4
80°	56.3	56.3	55.3	54.8	55.3	57.8	60.8	61.3	62.8	62.3	62.8
82.5°	47.3	45.3	43.7	43.7	44.8	46.2	47.3	48.3	49.2	49.2	50.3
85°	36.2	34.2	32.6	33.2	34.7	35.2	34.7	34.7	36.7	38.2	36.7
87.5°	21.7	19.6	18.5	17.1	17.6	19.1	18.5	17.1	17.6	14.1	13.1
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: P153294

CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3
2.5°	535.9	535.3	534.3	532.8	532.3	531.3	531.8	530.3	529.3	528.3	526.8
5°	554.4	554.4	551.4	551.4	549.9	549.4	545.9	544.4	541.3	542.4	538.9
7.5°	567.5	569.0	565.5	565.0	563.0	562.5	557.9	556.5	553.9	553.0	549.9
10°	577.1	577.1	572.5	569.0	566.5	563.9	559.5	557.4	555.4	556.0	553.9
12.5°	584.6	581.0	574.5	569.5	566.0	563.5	560.0	558.4	557.9	561.5	562.0
15°	590.7	585.6	577.5	574.0	571.0	570.6	570.6	572.0	575.5	582.1	587.2
17.5°	594.2	591.1	587.2	586.1	591.1	594.2	598.1	602.7	607.7	616.8	622.3
20°	600.7	602.7	605.7	609.7	617.7	625.3	630.4	636.9	642.9	654.0	663.0
22.5°	617.7	629.3	638.9	646.9	659.0	669.5	676.1	685.1	689.6	697.2	711.3
25°	639.9	663.5	683.6	700.7	719.3	730.4	739.4	751.0	758.0	770.6	783.1
27.5°	633.4	667.0	697.2	728.9	754.5	783.1	803.2	822.4	834.4	853.1	869.6
30°	613.3	653.5	694.2	735.9	776.6	817.8	856.1	890.7	917.4	944.0	971.2
32.5°	586.1	632.3	682.1	733.4	786.6	843.9	896.8	949.0	993.3	1031.9	1069.6
35°	554.9	607.3	659.0	722.3	788.2	861.0	934.4	1006.8	1074.2	1142.6	1188.8
37.5°	517.7	571.0	628.8	701.8	779.2	869.1	962.6	1057.1	1152.6	1244.6	1324.6
40°	478.0	532.3	593.2	672.0	759.5	864.0	980.7	1107.9	1239.1	1372.2	1478.3
42.5°	442.8	498.7	565.0	644.9	739.9	857.5	995.2	1151.6	1311.9	1476.8	1632.6
45°	408.7	469.9	539.9	625.8	731.4	862.6	1016.9	1192.3	1377.3	1577.3	1767.4
47.5°	378.0	440.3	508.2	602.2	718.8	865.1	1038.0	1233.1	1439.2	1655.8	1881.5
50°	350.4	410.7	477.5	572.0	699.2	863.5	1057.1	1269.7	1492.4	1717.6	1969.4
52.5°	323.2	384.6	452.8	542.9	675.0	855.0	1066.1	1299.9	1541.7	1779.9	2040.3
55°	296.6	356.9	425.8	515.2	643.4	833.0	1065.2	1319.5	1580.8	1838.8	2108.7
57.5°	265.4	322.7	390.1	484.6	609.7	798.8	1050.1	1328.5	1614.5	1897.1	2190.6
60°	226.7	280.5	345.3	439.8	565.5	755.0	1018.4	1323.5	1634.2	1940.3	2260.5
62.5°	179.0	225.7	285.0	377.5	510.2	692.1	959.1	1277.7	1603.0	1934.2	2293.2
63°	168.9	213.2	271.0	362.4	486.5	675.0	941.5	1259.7	1587.9	1921.7	2288.6
65°	135.8	164.4	210.6	292.5	407.2	591.1	854.0	1166.6	1506.9	1833.2	2223.3
67.5°	104.0	118.7	143.2	200.5	288.0	465.0	691.7	988.7	1307.9	1614.5	2012.6
70°	89.0	95.5	106.0	133.2	183.0	293.6	485.6	737.4	1013.9	1279.8	1637.7
72.5°	80.9	83.9	89.4	101.0	125.7	176.0	309.6	480.0	689.6	912.3	1188.8
75°	74.4	76.9	81.5	87.5	96.5	117.1	176.5	293.6	448.4	599.2	802.3
77.5°	67.9	69.3	74.4	79.9	85.9	96.5	116.6	168.9	257.8	353.4	483.5
80°	62.3	61.3	64.9	73.9	79.9	85.9	92.0	109.5	146.7	193.6	261.3
82.5°	49.7	50.8	53.8	62.8	65.4	63.8	64.9	67.9	82.0	89.4	133.7
85°	33.7	31.2	30.7	31.7	31.7	30.2	30.2	29.6	32.6	37.2	63.8
87.5°	9.0	4.6	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: P153294
CATALOG NUMBER: VXS-F02-LED-E1-SLR-7030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	527.3	0°
2.5°	525.8	525.3	525.8	523.3	523.3	522.8	522.3	521.2	521.2	519.3	520.7	2.5°
5°	535.9	534.8	532.8	529.8	528.3	526.3	526.3	524.2	522.8	520.7	521.2	5°
7.5°	547.4	547.9	544.4	541.9	540.8	538.9	539.4	536.4	536.9	535.3	534.3	7.5°
10°	553.9	553.9	554.9	554.4	555.4	555.4	557.0	554.9	553.9	552.4	552.4	10°
12.5°	564.5	566.5	570.6	570.6	573.6	574.5	575.0	576.1	574.0	573.1	569.5	12.5°
15°	590.7	595.6	599.2	604.2	610.3	612.2	612.2	610.3	609.2	607.7	601.1	15°
17.5°	633.9	644.9	648.0	656.0	657.0	659.5	666.5	662.5	660.0	649.4	647.5	17.5°
20°	678.1	692.1	706.2	716.3	721.3	731.4	732.8	730.9	720.8	710.8	706.2	20°
22.5°	731.4	752.4	768.6	784.1	791.7	796.7	807.8	805.3	797.2	782.2	776.1	22.5°
25°	806.7	833.0	850.1	869.1	879.2	884.1	895.2	895.2	886.7	882.2	881.7	25°
27.5°	901.8	934.0	962.1	968.6	994.8	1000.8	1011.4	1011.4	1003.3	997.8	1024.5	27.5°
30°	1007.4	1041.0	1089.7	1122.5	1154.1	1185.3	1184.8	1186.7	1196.4	1201.3	1213.0	30°
32.5°	1112.8	1154.6	1206.4	1277.3	1345.1	1402.9	1477.8	1525.6	1511.0	1470.3	1454.2	32.5°
35°	1241.0	1287.4	1350.2	1421.6	1545.7	1620.6	1656.8	1682.4	1685.4	1691.0	1702.5	35°
37.5°	1383.8	1461.2	1534.1	1615.0	1683.9	1774.9	1858.9	1926.2	1941.8	1973.5	1955.3	37.5°
40°	1564.2	1650.8	1727.2	1831.7	1924.1	2033.8	2153.9	2246.4	2283.6	2271.5	2181.0	40°
42.5°	1753.3	1860.3	1949.8	2073.0	2193.2	2337.9	2462.1	2591.2	2614.3	2521.3	2386.1	42.5°
45°	1927.3	2059.9	2171.0	2299.2	2445.9	2619.4	2785.3	2917.9	2913.5	2754.1	2573.2	45°
47.5°	2083.5	2246.4	2382.1	2549.0	2706.8	2913.5	3103.9	3202.0	3144.1	2955.6	2734.0	47.5°
50°	2212.7	2415.8	2583.2	2752.1	2952.6	3201.5	3385.0	3440.2	3328.6	3123.5	2890.3	50°
52.5°	2316.8	2571.6	2759.6	2954.2	3207.5	3469.3	3627.3	3606.6	3462.4	3251.7	3019.5	52.5°
55°	2404.8	2690.8	2914.9	3144.7	3458.9	3700.1	3805.2	3749.8	3548.3	3334.6	3108.0	55°
57.5°	2495.8	2806.3	3057.7	3324.1	3674.0	3881.0	3939.4	3825.8	3589.0	3366.3	3146.1	57.5°
60°	2586.7	2902.9	3183.8	3480.9	3836.8	4028.8	4012.7	3842.9	3577.0	3343.2	3120.5	60°
62.5°	2648.0	2960.2	3257.2	3577.4	3959.0	4104.2	4005.7	3782.1	3507.0	3252.2	3044.1	62.5°
63°	2649.5	2962.2	3261.8	3583.9	3972.5	4106.7	3992.1	3760.4	3485.0	3233.6	3021.6	63°
65°	2617.8	2924.5	3221.6	3554.3	3960.9	4048.9	3875.0	3632.7	3358.8	3105.0	2903.8	65°
67.5°	2456.0	2768.7	3031.1	3344.8	3753.9	3779.0	3561.3	3365.8	3119.5	2856.6	2646.5	67.5°
70°	2129.7	2389.6	2647.0	2908.9	3252.2	3247.7	3043.1	2943.6	2728.0	2428.4	2260.0	70°
72.5°	1694.0	1927.3	2108.2	2283.6	2509.8	2464.0	2332.3	2360.0	2220.3	1996.6	1896.6	72.5°
75°	1257.6	1514.0	1602.5	1673.9	1769.3	1769.8	1806.1	1884.5	1882.5	1758.3	1632.1	75°
77.5°	824.9	1105.4	1135.0	1192.3	1306.9	1462.8	1623.6	1796.5	1839.8	1741.8	1555.2	77.5°
80°	459.9	751.5	717.3	766.5	890.3	1101.9	1339.1	1530.2	1642.7	1587.9	1390.4	80°
82.5°	235.2	433.3	414.2	482.6	582.6	766.5	923.4	1070.2	1202.9	1195.3	1120.4	82.5°
85°	122.2	237.3	269.9	305.6	355.9	421.8	481.0	523.7	579.1	676.6	709.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	36.2	26.1	71.9	102.6	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: P153294

NUMBER: VXS-F02-LED-E1-SLR-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
527.3	527.3	527.3	527.3	527.3	527.3	527.3
521.2	521.8	520.7	520.7	521.2	521.2	520.2
520.2	520.2	519.3	518.2	517.2	517.2	516.3
531.8	531.8	528.3	526.8	524.2	522.3	521.2
548.9	545.9	541.9	538.9	534.8	530.3	527.8
566.0	561.5	556.5	551.9	546.9	541.9	539.4
594.2	588.1	581.6	576.1	569.0	561.5	558.4
637.4	627.9	619.3	611.2	598.7	593.2	587.2
694.7	680.6	669.5	656.0	640.4	635.3	627.9
764.0	752.0	729.8	719.8	704.2	696.7	698.2
869.6	854.0	828.4	818.9	817.3	800.7	792.7
1007.4	1008.3	984.8	959.1	945.0	918.9	885.7
1203.4	1189.8	1162.2	1136.1	1102.8	1053.6	998.2
1440.6	1410.5	1364.8	1316.0	1257.2	1181.2	1103.8
1672.3	1619.6	1546.7	1465.3	1380.3	1285.8	1176.3
1876.0	1794.0	1685.0	1591.4	1471.3	1353.2	1219.5
2062.0	1960.4	1819.7	1698.4	1556.8	1405.0	1246.6
2241.9	2113.2	1940.8	1776.9	1616.6	1439.6	1259.7
2413.3	2247.4	2042.8	1847.8	1660.3	1462.3	1261.7
2545.0	2364.0	2134.3	1899.1	1690.5	1479.4	1261.7
2667.2	2462.6	2204.1	1939.3	1718.7	1490.9	1262.7
2762.2	2531.9	2249.4	1967.9	1740.7	1499.5	1267.3
2831.0	2577.1	2279.6	1985.5	1756.8	1511.5	1277.3
2879.3	2606.8	2296.2	2001.1	1776.4	1532.6	1305.4
2902.4	2661.6	2323.8	2032.2	1810.1	1577.3	1361.8
2884.8	2746.5	2402.7	2085.1	1856.8	1647.3	1451.7
2877.2	2762.2	2424.4	2096.6	1867.4	1662.3	1482.9
2818.4	2777.7	2513.3	2154.9	1917.6	1729.1	1569.8
2636.0	2716.4	2588.2	2253.5	2025.7	1891.5	1732.1
2399.7	2625.4	2574.6	2266.0	2094.6	2024.8	1834.7
2116.7	2350.5	2303.2	2098.7	2018.7	2026.2	1808.1
1665.8	1841.2	1810.1	1738.2	1754.3	1809.5	1548.7
1334.6	1311.0	1239.1	1244.0	1337.1	1402.0	1114.9
1090.3	882.7	789.2	791.7	954.1	1021.5	710.3
1037.5	834.9	680.1	594.2	694.2	668.5	371.0
739.0	740.4	614.3	499.2	483.5	411.2	231.2
174.9	140.2	100.0	74.4	78.4	51.8	26.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)