

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: McGRAW-EDISON

Report Number: P228614

Luminaire Tested: **ISS-AF-600-LED-E1-SLR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228614
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISS-AF-600-LED-E1-SLR-7030
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2885 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

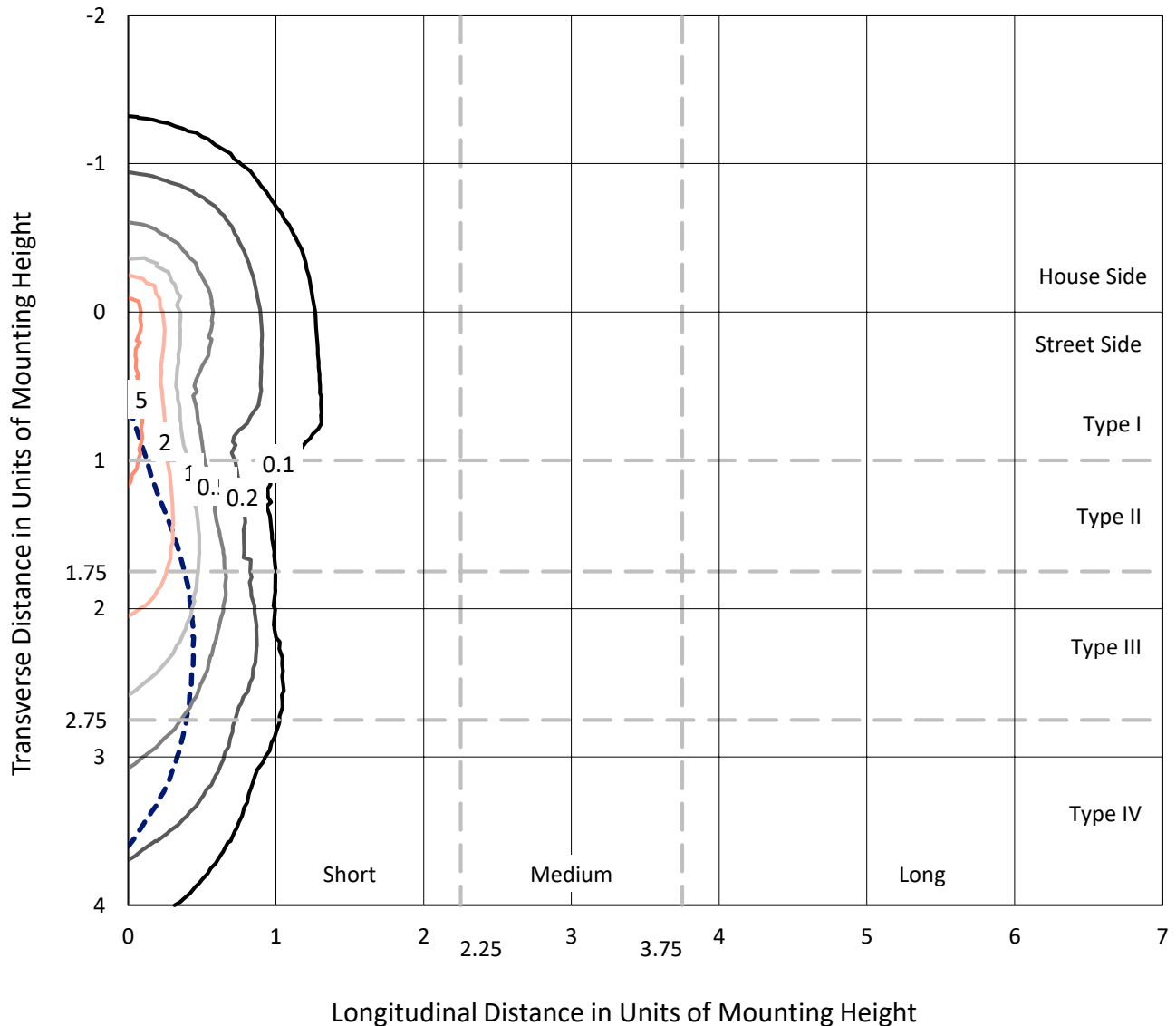
Input Watts (W): 33.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

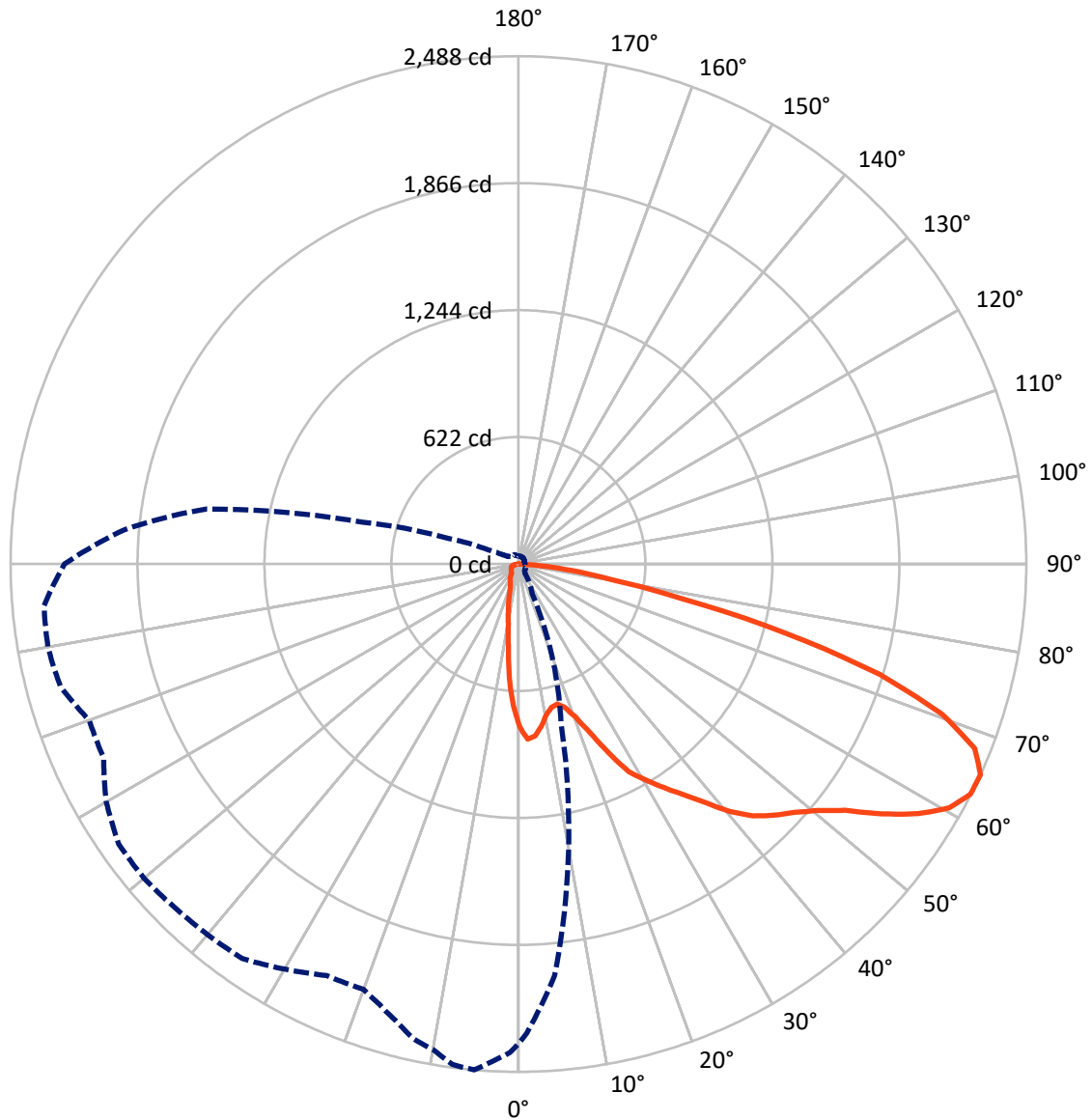
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	479.7	0.0	479.7
	% Fixture	16.6	0.0	16.6
Street Side	Lumens	2405.3	0.0	2405.3
	% Fixture	83.4	0.0	83.4
Total	Lumens	2885.0	0.0	2885.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	2.1
10°-20°	126.3	4.4
20°-30°	183.6	6.4
30°-40°	271.6	9.4
40°-50°	395.7	13.7
50°-60°	593.2	20.6
60°-70°	739.2	25.6
70°-80°	433.0	15.0
80°-90°	81.0	2.8
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°	2885.0	100.0
0°-180°	2885.0	100.0



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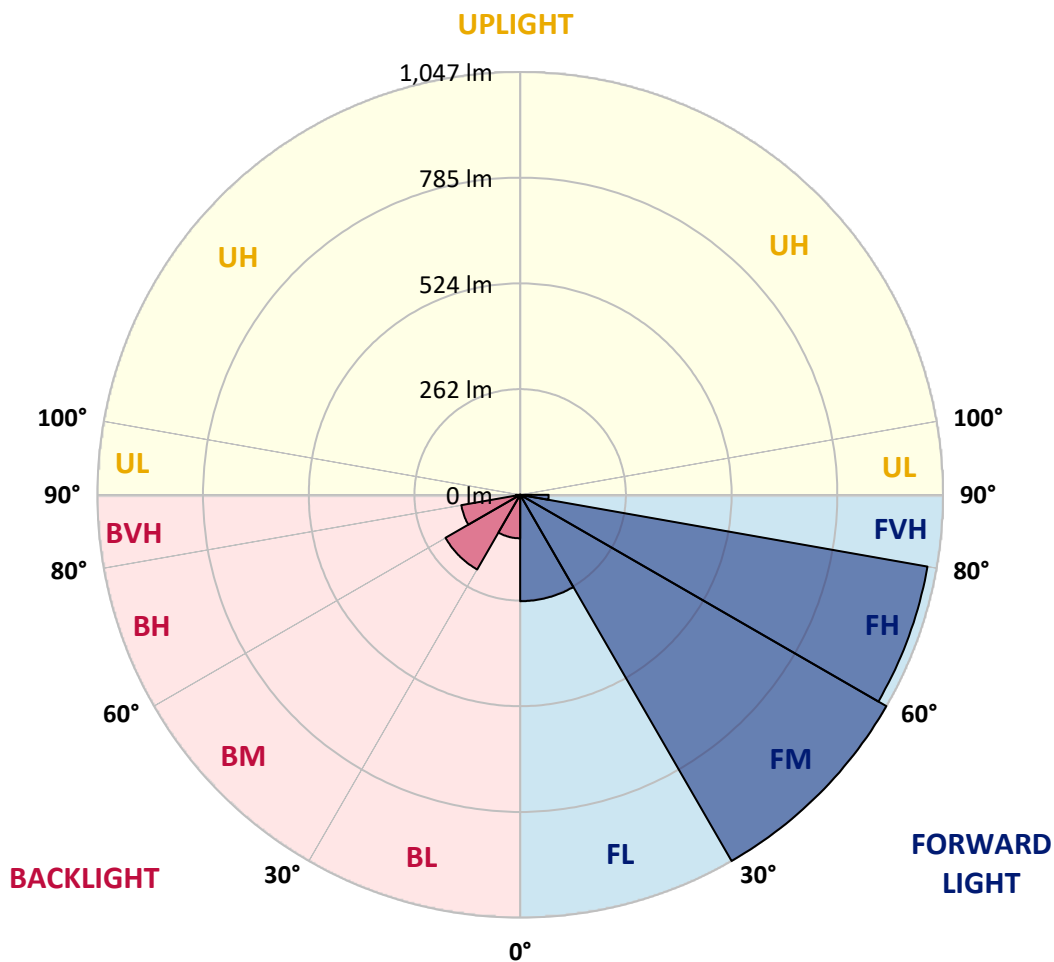
CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	263.6	9.1			
FM	(30°-60°)	1047.0	36.3			
FH	(60°-80°)	1024.2	35.5			G1/1800
FVH	(80°-90°)	70.5	2.4			G1/100
BL	(0°-30°)	107.7	3.7	B0/110		
BM	(30°-60°)	213.5	7.4	B0/220		
BH	(60°-80°)	148.1	5.1	B1/500		G1/500
BVH	(80°-90°)	10.4	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-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4
2.5°	847.5	840.7	826.9	799.5	771.0	743.6	739.0	728.7	729.9	724.2	721.9
5°	820.1	811.0	782.4	725.3	676.2	625.9	622.5	601.9	604.2	591.7	584.8
7.5°	759.6	747.0	715.0	636.2	567.7	501.4	494.6	470.6	467.2	454.6	444.3
10°	700.2	687.6	647.6	557.4	478.6	429.5	421.5	410.0	400.9	395.2	384.9
12.5°	662.5	655.6	607.6	503.7	442.0	402.1	391.8	380.4	371.2	360.9	350.7
15°	654.5	640.8	591.7	486.6	414.6	365.5	352.9	340.4	330.1	319.8	305.0
17.5°	676.2	662.5	607.6	478.6	383.8	324.4	308.4	291.3	281.0	268.4	252.4
20°	727.6	705.9	638.5	467.2	350.7	276.4	257.0	236.4	225.0	203.3	191.9
22.5°	809.8	782.4	691.0	467.2	319.8	226.2	204.5	186.2	173.6	154.2	141.6
25°	927.5	903.5	776.7	479.7	292.4	183.9	162.2	143.9	131.4	117.6	109.7
27.5°	1037.1	999.4	868.1	498.0	270.7	154.2	132.5	117.6	108.5	101.7	97.1
30°	1119.3	1088.5	948.0	510.6	238.7	129.1	115.4	106.2	101.7	98.2	95.9
32.5°	1194.7	1159.3	1005.1	518.6	219.3	109.7	97.1	90.2	85.7	81.1	80.0
35°	1274.7	1240.4	1072.5	517.4	206.7	100.5	87.9	80.0	75.4	74.2	72.0
37.5°	1385.5	1338.7	1150.2	517.4	202.2	97.1	82.2	74.2	70.8	68.5	67.4
40°	1492.8	1440.3	1235.9	520.8	197.6	94.8	82.2	74.2	68.5	66.2	64.0
42.5°	1593.4	1535.1	1313.5	526.6	195.3	87.9	77.7	73.1	70.8	66.2	62.8
45°	1669.9	1624.2	1374.1	538.0	195.3	83.4	73.1	69.7	68.5	68.5	67.4
47.5°	1744.1	1692.7	1443.7	559.7	198.7	80.0	69.7	65.1	65.1	65.1	66.2
50°	1840.1	1779.5	1539.7	604.2	198.7	78.8	66.2	61.7	60.5	62.8	62.8
52.5°	1970.3	1926.9	1680.2	668.2	196.5	77.7	65.1	58.3	57.1	58.3	60.5
55°	2154.2	2105.1	1850.4	747.0	194.2	75.4	62.8	57.1	54.8	53.7	54.8
57.5°	2312.9	2270.7	2006.8	809.8	188.5	69.7	60.5	56.0	52.5	51.4	50.3
60°	2382.6	2347.2	2107.3	852.1	178.2	64.0	57.1	53.7	50.3	49.1	48.0
62.5°	2394.0	2349.5	2108.5	861.2	166.8	58.3	53.7	50.3	48.0	46.8	45.7
65°	2349.5	2299.2	2025.1	805.2	157.6	58.3	51.4	48.0	44.5	43.4	42.3
67.5°	2249.0	2171.3	1813.8	683.0	149.6	59.4	50.3	44.5	42.3	41.1	40.0
70°	2006.8	1920.0	1531.7	542.5	146.2	60.5	50.3	42.3	38.8	37.7	37.7
72.5°	1608.2	1508.8	1194.7	408.9	140.5	61.7	49.1	40.0	36.6	34.3	34.3
75°	1088.5	1001.7	809.8	276.4	116.5	53.7	44.5	36.6	32.0	29.7	28.6
77.5°	606.5	578.0	515.1	146.2	74.2	40.0	34.3	29.7	26.3	25.1	24.0
80°	356.4	341.5	303.8	81.1	45.7	22.8	20.6	19.4	17.1	17.1	17.1
82.5°	218.2	203.3	188.5	36.6	21.7	11.4	11.4	9.1	9.1	8.0	8.0
85°	59.4	54.8	76.5	8.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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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CANDELA DISTRIBUTION (continued):

	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4
2.5°	712.7	710.4	710.4	693.3	693.3	684.2	681.9	681.9	685.3	683.0	669.3
5°	573.4	566.5	562.0	541.4	535.7	525.4	520.8	519.7	523.1	517.4	499.1
7.5°	431.7	426.0	419.2	403.2	396.3	395.2	381.5	378.1	375.8	371.2	359.8
10°	376.9	368.9	363.2	351.8	343.8	338.1	326.7	321.0	316.4	309.5	306.1
12.5°	339.2	331.2	323.2	308.4	298.1	291.3	284.4	273.0	268.4	260.4	255.9
15°	292.4	283.3	274.1	258.1	244.4	237.6	223.9	217.0	212.4	203.3	198.7
17.5°	235.3	222.7	212.4	197.6	190.7	179.3	171.3	159.9	150.8	147.3	143.9
20°	177.0	165.6	156.5	143.9	137.1	127.9	123.4	115.4	110.8	108.5	106.2
22.5°	130.2	121.1	115.4	108.5	105.1	101.7	99.4	97.1	94.8	93.7	93.7
25°	102.8	99.4	97.1	94.8	93.7	92.5	90.2	89.1	87.9	86.8	86.8
27.5°	93.7	91.4	90.2	89.1	87.9	85.7	85.7	83.4	82.2	82.2	81.1
30°	94.8	94.8	94.8	92.5	91.4	89.1	87.9	84.5	82.2	80.0	78.8
32.5°	77.7	77.7	76.5	74.2	73.1	72.0	72.0	69.7	68.5	68.5	70.8
35°	70.8	69.7	68.5	66.2	65.1	62.8	61.7	60.5	59.4	58.3	58.3
37.5°	67.4	66.2	65.1	62.8	61.7	60.5	59.4	57.1	56.0	56.0	54.8
40°	64.0	64.0	64.0	61.7	60.5	58.3	57.1	56.0	54.8	53.7	53.7
42.5°	61.7	61.7	61.7	60.5	59.4	58.3	56.0	54.8	53.7	52.5	51.4
45°	62.8	61.7	61.7	60.5	59.4	57.1	56.0	53.7	52.5	51.4	50.3
47.5°	67.4	66.2	64.0	61.7	59.4	57.1	54.8	52.5	51.4	50.3	49.1
50°	64.0	68.5	69.7	66.2	60.5	57.1	54.8	52.5	50.3	49.1	48.0
52.5°	62.8	64.0	68.5	68.5	62.8	58.3	54.8	52.5	50.3	48.0	46.8
55°	57.1	60.5	61.7	62.8	61.7	57.1	53.7	50.3	49.1	46.8	44.5
57.5°	50.3	52.5	53.7	56.0	57.1	56.0	51.4	48.0	46.8	44.5	42.3
60°	46.8	46.8	46.8	48.0	53.7	58.3	53.7	46.8	43.4	42.3	40.0
62.5°	43.4	43.4	42.3	43.4	44.5	50.3	49.1	44.5	42.3	41.1	38.8
65°	42.3	41.1	40.0	40.0	40.0	40.0	40.0	40.0	38.8	38.8	37.7
67.5°	38.8	37.7	37.7	36.6	36.6	36.6	36.6	36.6	35.4	35.4	34.3
70°	36.6	35.4	34.3	34.3	34.3	33.1	33.1	33.1	32.0	32.0	32.0
72.5°	33.1	32.0	32.0	32.0	30.8	30.8	30.8	29.7	29.7	28.6	28.6
75°	28.6	28.6	27.4	27.4	27.4	26.3	26.3	26.3	26.3	25.1	25.1
77.5°	24.0	22.8	24.0	22.8	22.8	22.8	22.8	22.8	21.7	21.7	20.6
80°	16.0	16.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	16.0
82.5°	9.1	8.0	9.1	9.1	9.1	10.3	10.3	11.4	10.3	10.3	9.1
85°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3	2.3	2.3	2.3
87.5°	0.0	0.0	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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CANDELA DISTRIBUTION (continued):

	77.5°	80°	85°	90°	95°	100°	102.5°	105°	107.5°	110°	112.5°
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4
2.5°	676.2	675.0	663.6	665.9	662.5	655.6	656.8	657.9	660.2	655.6	653.3
5°	508.3	509.4	494.6	499.1	495.7	494.6	498.0	503.7	507.1	506.0	502.6
7.5°	360.9	362.1	349.5	348.4	344.9	343.8	348.4	354.1	357.5	356.4	357.5
10°	298.1	294.7	283.3	275.3	267.3	260.4	259.3	259.3	259.3	257.0	254.7
12.5°	246.7	243.3	229.6	222.7	215.9	206.7	205.6	204.5	201.0	197.6	193.0
15°	191.9	188.5	177.0	172.5	166.8	163.3	162.2	162.2	159.9	157.6	155.3
17.5°	139.3	137.1	130.2	125.6	124.5	125.6	126.8	129.1	130.2	131.4	131.4
20°	105.1	103.9	101.7	101.7	102.8	106.2	107.4	110.8	111.9	114.2	116.5
22.5°	92.5	92.5	91.4	91.4	93.7	97.1	99.4	100.5	101.7	102.8	102.8
25°	85.7	85.7	84.5	86.8	90.2	90.2	90.2	90.2	87.9	86.8	86.8
27.5°	81.1	81.1	81.1	82.2	81.1	80.0	80.0	80.0	78.8	78.8	77.7
30°	77.7	77.7	77.7	76.5	76.5	75.4	75.4	74.2	74.2	73.1	73.1
32.5°	72.0	69.7	72.0	69.7	69.7	68.5	69.7	69.7	67.4	67.4	67.4
35°	57.1	56.0	56.0	56.0	54.8	56.0	58.3	58.3	58.3	58.3	58.3
37.5°	53.7	53.7	52.5	51.4	51.4	50.3	51.4	50.3	50.3	50.3	51.4
40°	52.5	51.4	50.3	50.3	49.1	48.0	48.0	48.0	48.0	48.0	48.0
42.5°	50.3	50.3	48.0	46.8	46.8	45.7	45.7	45.7	45.7	45.7	45.7
45°	49.1	48.0	46.8	45.7	44.5	44.5	44.5	44.5	44.5	44.5	43.4
47.5°	48.0	46.8	45.7	44.5	43.4	42.3	42.3	42.3	42.3	42.3	42.3
50°	46.8	45.7	43.4	43.4	42.3	41.1	41.1	41.1	41.1	41.1	41.1
52.5°	44.5	44.5	42.3	41.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0
55°	42.3	42.3	40.0	38.8	37.7	37.7	37.7	37.7	38.8	38.8	38.8
57.5°	41.1	40.0	37.7	37.7	35.4	35.4	35.4	36.6	36.6	37.7	37.7
60°	38.8	37.7	36.6	35.4	35.4	34.3	34.3	34.3	34.3	35.4	35.4
62.5°	37.7	36.6	34.3	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
65°	35.4	35.4	33.1	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
67.5°	33.1	33.1	30.8	29.7	29.7	29.7	30.8	29.7	29.7	29.7	29.7
70°	30.8	29.7	28.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
72.5°	27.4	27.4	26.3	25.1	25.1	25.1	25.1	25.1	25.1	25.1	26.3
75°	24.0	22.8	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
77.5°	20.6	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	19.4
80°	14.8	13.7	13.7	13.7	13.7	14.8	14.8	14.8	14.8	14.8	14.8
82.5°	9.1	8.0	8.0	8.0	9.1	10.3	10.3	10.3	10.3	11.4	11.4
85°	2.3	2.3	2.3	2.3	4.6	5.7	5.7	5.7	6.9	5.7	5.7
87.5°	0.0	0.0	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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CANDELA DISTRIBUTION (continued):

	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°	165°
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4
2.5°	651.1	664.8	664.8	655.6	660.2	655.6	654.5	662.5	667.0	681.9	691.0
5°	503.7	520.8	522.0	517.4	523.1	519.7	523.1	533.4	541.4	551.7	560.8
7.5°	359.8	375.8	379.2	375.8	386.1	384.9	387.2	398.6	405.5	411.2	412.3
10°	253.6	255.9	265.0	262.7	269.6	268.4	271.8	281.0	290.1	293.5	295.8
12.5°	190.7	188.5	191.9	187.3	190.7	190.7	191.9	197.6	209.0	213.6	225.0
15°	154.2	151.9	151.9	149.6	149.6	148.5	149.6	154.2	162.2	169.0	178.2
17.5°	131.4	131.4	131.4	130.2	129.1	129.1	130.2	132.5	137.1	141.6	146.2
20°	117.6	119.9	121.1	122.2	123.4	124.5	125.6	129.1	127.9	123.4	117.6
22.5°	102.8	102.8	103.9	103.9	102.8	102.8	102.8	102.8	102.8	106.2	109.7
25°	85.7	85.7	85.7	86.8	85.7	85.7	86.8	86.8	87.9	90.2	93.7
27.5°	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.8	80.0	83.4	85.7
30°	72.0	72.0	70.8	70.8	70.8	69.7	70.8	70.8	72.0	76.5	80.0
32.5°	66.2	65.1	65.1	65.1	64.0	64.0	64.0	66.2	67.4	69.7	73.1
35°	58.3	58.3	58.3	59.4	59.4	59.4	59.4	61.7	61.7	62.8	62.8
37.5°	52.5	52.5	53.7	54.8	54.8	56.0	56.0	57.1	58.3	57.1	56.0
40°	48.0	49.1	49.1	51.4	51.4	51.4	52.5	53.7	54.8	52.5	52.5
42.5°	45.7	45.7	45.7	46.8	46.8	46.8	48.0	49.1	50.3	50.3	50.3
45°	43.4	43.4	43.4	44.5	43.4	43.4	43.4	44.5	46.8	46.8	48.0
47.5°	42.3	42.3	42.3	41.1	41.1	41.1	41.1	42.3	43.4	45.7	46.8
50°	41.1	40.0	40.0	40.0	40.0	40.0	40.0	41.1	42.3	43.4	45.7
52.5°	38.8	38.8	38.8	38.8	38.8	38.8	38.8	40.0	41.1	42.3	43.4
55°	38.8	38.8	37.7	37.7	38.8	38.8	38.8	40.0	41.1	42.3	42.3
57.5°	37.7	36.6	36.6	37.7	37.7	37.7	37.7	38.8	40.0	41.1	41.1
60°	35.4	35.4	35.4	35.4	36.6	36.6	37.7	38.8	38.8	40.0	40.0
62.5°	33.1	34.3	34.3	34.3	35.4	35.4	36.6	37.7	38.8	40.0	38.8
65°	32.0	33.1	33.1	33.1	34.3	34.3	34.3	36.6	37.7	37.7	38.8
67.5°	30.8	30.8	30.8	32.0	32.0	33.1	33.1	35.4	35.4	36.6	37.7
70°	28.6	28.6	28.6	29.7	29.7	30.8	32.0	33.1	33.1	34.3	35.4
72.5°	26.3	26.3	26.3	27.4	27.4	28.6	29.7	32.0	30.8	32.0	32.0
75°	22.8	22.8	24.0	24.0	25.1	26.3	27.4	27.4	27.4	27.4	27.4
77.5°	19.4	19.4	20.6	20.6	21.7	22.8	22.8	22.8	24.0	22.8	22.8
80°	16.0	16.0	17.1	17.1	17.1	17.1	18.3	17.1	18.3	17.1	18.3
82.5°	11.4	11.4	12.6	11.4	12.6	11.4	11.4	10.3	12.6	11.4	11.4
85°	4.6	5.7	5.7	5.7	5.7	4.6	4.6	3.4	4.6	4.6	3.4
87.5°	0.0	0.0	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: P228614

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CANDELA DISTRIBUTION (continued):

	175°	180°	185°	195°	205°	215°	225°	230°	235°	240°	245°
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4
2.5°	694.5	693.3	710.4	723.0	731.0	761.8	775.5	792.7	800.7	812.1	823.5
5°	562.0	559.7	580.2	596.2	609.9	654.5	680.7	704.7	724.2	742.4	768.7
7.5°	402.1	397.5	411.2	424.9	443.2	491.1	536.8	568.8	597.4	628.2	662.5
10°	297.0	300.4	314.1	334.7	358.6	395.2	431.7	454.6	479.7	514.0	555.1
12.5°	237.6	251.3	262.7	287.8	316.4	357.5	396.3	414.6	432.9	450.0	471.7
15°	190.7	198.7	207.9	231.9	266.1	314.1	359.8	380.4	402.1	422.6	442.0
17.5°	147.3	150.8	155.3	172.5	203.3	260.4	310.7	336.9	362.1	390.6	416.9
20°	117.6	117.6	118.8	126.8	148.5	193.0	254.7	287.8	319.8	356.4	394.1
22.5°	102.8	101.7	102.8	106.2	116.5	142.8	198.7	237.6	278.7	324.4	371.2
25°	97.1	95.9	94.8	97.1	102.8	115.4	155.3	196.5	238.7	293.5	350.7
27.5°	87.9	89.1	90.2	92.5	97.1	103.9	129.1	159.9	206.7	267.3	335.8
30°	82.2	83.4	84.5	86.8	94.8	102.8	117.6	137.1	177.0	236.4	313.0
32.5°	75.4	76.5	77.7	78.8	81.1	90.2	100.5	116.5	150.8	209.0	289.0
35°	61.7	61.7	62.8	66.2	70.8	80.0	90.2	102.8	134.8	190.7	274.1
37.5°	57.1	57.1	58.3	61.7	66.2	74.2	83.4	94.8	127.9	183.9	260.4
40°	53.7	54.8	54.8	58.3	62.8	72.0	77.7	91.4	124.5	173.6	246.7
42.5°	51.4	51.4	52.5	56.0	61.7	68.5	76.5	89.1	115.4	164.5	238.7
45°	49.1	50.3	50.3	53.7	60.5	66.2	77.7	84.5	109.7	157.6	231.9
47.5°	48.0	48.0	49.1	52.5	59.4	67.4	75.4	80.0	103.9	151.9	226.2
50°	45.7	46.8	48.0	51.4	58.3	74.2	72.0	76.5	99.4	147.3	222.7
52.5°	44.5	45.7	46.8	50.3	58.3	75.4	69.7	72.0	95.9	142.8	220.4
55°	43.4	43.4	44.5	49.1	58.3	69.7	65.1	69.7	89.1	135.9	214.7
57.5°	41.1	42.3	43.4	46.8	57.1	64.0	61.7	66.2	82.2	124.5	206.7
60°	41.1	41.1	42.3	45.7	57.1	57.1	58.3	62.8	74.2	110.8	193.0
62.5°	40.0	40.0	41.1	45.7	58.3	51.4	54.8	59.4	68.5	99.4	175.9
65°	38.8	38.8	40.0	43.4	50.3	49.1	52.5	56.0	66.2	91.4	161.0
67.5°	36.6	36.6	37.7	41.1	44.5	45.7	50.3	53.7	65.1	90.2	147.3
70°	34.3	34.3	34.3	37.7	40.0	43.4	46.8	51.4	65.1	89.1	137.1
72.5°	32.0	30.8	32.0	34.3	36.6	38.8	42.3	48.0	64.0	90.2	132.5
75°	27.4	27.4	27.4	29.7	32.0	34.3	37.7	44.5	60.5	84.5	118.8
77.5°	22.8	22.8	21.7	25.1	27.4	28.6	32.0	38.8	52.5	72.0	95.9
80°	17.1	16.0	16.0	19.4	20.6	22.8	25.1	29.7	41.1	52.5	70.8
82.5°	10.3	9.1	9.1	12.6	13.7	14.8	19.4	21.7	27.4	34.3	48.0
85°	3.4	3.4	3.4	5.7	6.9	8.0	11.4	12.6	17.1	21.7	25.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.4	5.7	6.9	5.7
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

	250°	255°	260°	265°	270°	275°	280°	285°	290°	295°	300°	
0°	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	0°
2.5°	837.2	848.7	863.5	877.2	887.5	896.6	908.0	908.0	921.8	926.3	935.5	2.5°
5°	789.3	811.0	842.9	869.2	901.2	932.0	960.6	976.6	1004.0	1022.3	1040.5	5°
7.5°	692.2	721.9	761.8	798.4	845.2	895.5	942.3	985.7	1031.4	1070.2	1098.8	7.5°
10°	590.5	631.6	673.9	720.7	771.0	824.7	881.8	940.0	994.9	1049.7	1096.5	10°
12.5°	507.1	554.0	601.9	660.2	718.4	775.5	842.9	893.2	950.3	1005.1	1050.8	12.5°
15°	471.7	512.8	568.8	632.8	694.5	752.7	815.5	866.9	920.6	965.2	997.1	15°
17.5°	456.9	509.4	573.4	640.8	707.0	777.8	833.8	877.2	917.2	937.7	942.3	17.5°
20°	440.9	512.8	598.5	680.7	761.8	836.1	877.2	905.8	912.6	911.5	894.3	20°
22.5°	431.7	524.3	630.5	745.9	847.5	934.3	962.9	957.2	928.6	892.1	863.5	22.5°
25°	429.5	550.5	685.3	838.4	962.9	1049.7	1065.7	1033.7	969.7	898.9	850.9	25°
27.5°	431.7	580.2	753.8	937.7	1083.9	1173.0	1167.3	1119.3	1028.0	928.6	852.1	27.5°
30°	421.5	611.1	822.4	1024.5	1169.6	1243.8	1221.0	1149.0	1047.4	948.0	866.9	30°
32.5°	404.3	633.9	882.9	1094.2	1258.7	1314.7	1273.5	1195.9	1090.8	989.1	905.8	32.5°
35°	384.9	644.2	926.3	1159.3	1354.6	1384.3	1318.1	1239.3	1143.3	1040.5	950.3	35°
37.5°	364.4	645.3	967.4	1227.9	1447.2	1459.7	1363.8	1279.3	1185.6	1093.1	1010.8	37.5°
40°	352.9	640.8	1009.7	1312.4	1546.5	1529.4	1411.8	1312.4	1219.9	1149.0	1081.7	40°
42.5°	348.4	632.8	1040.5	1376.3	1632.2	1594.5	1456.3	1345.5	1262.1	1202.7	1155.9	42.5°
45°	348.4	624.8	1069.1	1424.3	1696.2	1647.0	1498.6	1377.5	1303.2	1266.7	1243.8	45°
47.5°	349.5	628.2	1103.4	1502.0	1751.0	1697.3	1531.7	1424.3	1360.4	1346.6	1354.6	47.5°
50°	355.2	667.0	1161.6	1587.6	1819.5	1751.0	1576.2	1476.9	1438.0	1451.7	1497.4	50°
52.5°	364.4	728.7	1262.1	1689.3	1925.7	1836.6	1650.5	1552.2	1534.0	1583.1	1669.9	52.5°
55°	373.5	791.5	1393.5	1859.5	2097.1	1992.0	1781.8	1683.6	1661.9	1737.3	1861.8	55°
57.5°	381.5	838.4	1521.4	2028.5	2245.6	2165.6	1955.4	1836.6	1827.5	1908.6	2044.5	57.5°
60°	389.5	874.9	1595.6	2103.9	2312.9	2304.9	2134.8	2025.1	2011.4	2086.8	2215.9	60°
62.5°	384.9	861.2	1616.2	2066.2	2307.2	2373.5	2281.0	2203.3	2156.5	2219.3	2344.9	62.5°
65°	367.8	789.3	1551.1	1936.0	2223.9	2332.4	2340.4	2322.1	2237.6	2242.1	2331.2	65°
67.5°	321.0	663.6	1351.2	1730.4	2060.5	2189.6	2324.4	2318.7	2211.3	2116.5	2134.8	67.5°
70°	266.1	520.8	1102.2	1473.4	1828.7	1939.4	2154.2	2197.6	2044.5	1867.5	1784.1	70°
72.5°	223.9	389.5	847.5	1141.1	1465.4	1594.5	1913.2	1973.7	1764.7	1515.7	1386.6	72.5°
75°	186.2	275.3	596.2	785.8	1010.8	1181.0	1669.9	1675.6	1432.3	1192.5	1053.1	75°
77.5°	138.2	187.3	431.7	549.4	694.5	840.7	1350.1	1364.9	1136.5	904.6	784.7	77.5°
80°	92.5	115.4	275.3	383.8	467.2	563.1	990.3	927.5	750.4	627.1	596.2	80°
82.5°	56.0	67.4	158.8	268.4	294.7	350.7	622.5	581.4	494.6	452.3	463.7	82.5°
85°	30.8	42.3	97.1	175.9	137.1	191.9	340.4	332.4	311.8	273.0	237.6	85°
87.5°	8.0	9.1	21.7	8.0	3.4	10.3	66.2	43.4	43.4	25.1	9.1	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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 NUMBER: ISS-AF-600-LED-E1-SLR-7030

REPORT NUMBER: P
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DISTRIBUTION (continued):											CANDELA DISTRIBUTION	
305°	310°	315°	325°	335°	340°	342.5°	345°	347.5°	350°	352.5°		355°
798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	798.4	0°	798.4
927.5	930.9	929.7	921.8	901.2	893.2	889.8	880.6	870.4	870.4	861.2	2.5°	858.9
1039.4	1045.1	1038.3	1018.8	966.3	941.2	926.3	908.0	893.2	879.5	865.8	5°	846.4
1118.2	1122.8	1111.4	1066.8	973.1	930.9	908.0	886.3	868.1	844.1	822.4	7.5°	803.0
1133.1	1143.3	1130.8	1066.8	958.3	905.8	880.6	856.6	830.4	805.2	774.4	10°	750.4
1090.8	1112.5	1103.4	1056.5	951.4	895.5	865.8	837.2	805.2	779.0	743.6	12.5°	720.7
1025.7	1028.0	1033.7	1032.5	938.9	884.1	854.4	824.7	796.1	771.0	740.1	15°	711.6
953.7	951.4	958.3	980.0	935.5	892.1	872.6	844.1	823.5	795.0	771.0	17.5°	739.0
888.6	885.2	892.1	913.8	921.8	911.5	903.5	886.3	870.4	852.1	832.7	20°	801.8
847.5	836.1	834.9	866.9	928.6	956.0	961.7	959.4	958.3	944.6	930.9	22.5°	895.5
824.7	812.1	817.8	854.4	957.2	1008.6	1034.8	1044.0	1056.5	1056.5	1056.5	25°	1022.3
817.8	804.1	812.1	853.2	986.9	1072.5	1110.2	1133.1	1157.0	1167.3	1174.2	27.5°	1152.5
822.4	808.7	812.1	861.2	1001.7	1087.4	1131.9	1165.0	1202.7	1227.9	1245.0	30°	1227.9
848.7	824.7	822.4	885.2	1029.1	1120.5	1167.3	1205.0	1247.3	1275.8	1306.7	32.5°	1304.4
884.1	849.8	845.2	924.0	1064.5	1162.8	1209.6	1242.7	1286.1	1324.9	1369.5	35°	1385.5
943.5	901.2	894.3	989.1	1112.5	1198.2	1245.0	1288.4	1335.2	1385.5	1442.6	37.5°	1480.3
1023.4	981.1	981.1	1072.5	1177.6	1247.3	1298.7	1344.4	1395.8	1463.2	1532.8	40°	1593.4
1113.6	1086.2	1090.8	1173.0	1251.8	1309.0	1358.1	1407.2	1460.9	1528.3	1609.4	42.5°	1687.0
1233.6	1218.7	1241.6	1299.8	1327.2	1366.1	1409.5	1452.9	1511.1	1580.8	1673.3	45°	1755.6
1374.1	1386.6	1418.6	1436.9	1403.8	1424.3	1458.6	1498.6	1567.1	1637.9	1729.3	47.5°	1818.4
1550.0	1583.1	1613.9	1609.4	1498.6	1491.7	1523.7	1554.5	1623.1	1704.2	1801.2	50°	1897.2
1752.1	1795.5	1817.2	1792.1	1604.8	1564.8	1591.1	1633.3	1708.7	1801.2	1909.7	52.5°	2003.4
1957.7	2010.3	2003.4	1974.9	1720.1	1666.5	1682.5	1732.7	1825.2	1930.3	2067.4	55°	2159.9
2143.9	2185.0	2203.3	2141.6	1860.6	1789.8	1808.1	1860.6	1958.9	2076.5	2217.0	57.5°	2308.4
2291.2	2335.8	2335.8	2275.3	2013.7	1931.4	1962.3	2013.7	2098.2	2214.7	2346.1	60°	2424.9
2398.6	2434.0	2421.5	2363.2	2145.0	2082.2	2106.2	2177.0	2253.5	2340.4	2444.3	62.5°	2484.3
2390.6	2394.0	2380.3	2358.6	2223.9	2217.0	2262.7	2317.5	2381.5	2414.6	2472.8	65°	2487.7
2165.6	2166.7	2194.2	2185.0	2164.5	2249.0	2308.4	2354.1	2410.0	2410.0	2403.2	67.5°	2410.0
1775.0	1793.2	1840.1	1826.4	1931.4	2105.1	2173.6	2243.3	2292.4	2292.4	2234.1	70°	2201.0
1351.2	1362.6	1418.6	1406.0	1548.8	1739.6	1890.3	2006.8	2054.8	2084.5	2010.3	72.5°	1849.2
983.4	982.3	1006.3	988.0	1168.5	1380.9	1536.3	1681.3	1760.1	1785.2	1650.5	75°	1355.8
757.3	736.7	732.1	734.4	828.1	1004.0	1127.3	1219.9	1230.1	1233.6	1052.0	77.5°	821.2
611.1	611.1	604.2	579.1	507.1	587.1	649.9	723.0	749.3	787.0	630.5	80°	462.6
487.7	468.3	434.0	384.9	325.5	347.2	376.9	404.3	448.9	464.9	383.8	82.5°	262.7
243.3	236.4	206.7	171.3	142.8	189.6	211.3	213.6	213.6	197.6	161.0	85°	107.4
1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.5°	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°	0.0

'228614
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TION (continued):

359°	360°
798.4	798.4
845.2	847.5
826.9	820.1
769.8	759.6
708.2	700.2
672.8	662.5
665.9	654.5
689.9	676.2
743.6	727.6
829.2	809.8
946.9	927.5
1062.2	1037.1
1144.5	1119.3
1224.4	1194.7
1304.4	1274.7
1411.8	1385.5
1530.5	1492.8
1628.8	1593.4
1706.4	1669.9
1780.7	1744.1
1865.2	1840.1
1992.0	1970.3
2185.0	2154.2
2326.6	2312.9
2399.7	2382.6
2422.6	2394.0
2392.9	2349.5
2299.2	2249.0
2073.1	2006.8
1652.8	1608.2
1114.8	1088.5
640.8	606.5
367.8	356.4
206.7	218.2
53.7	59.4
0.0	0.0
0.0	0.0

(END OF REPORT)