

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: P228624

Luminaire Tested: **ISS-AF-350-LED-E1-SLR-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P228624  
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-350-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: 1761 lumens  
Efficiency: N/A  
Efficacy: 87.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 20.09  
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

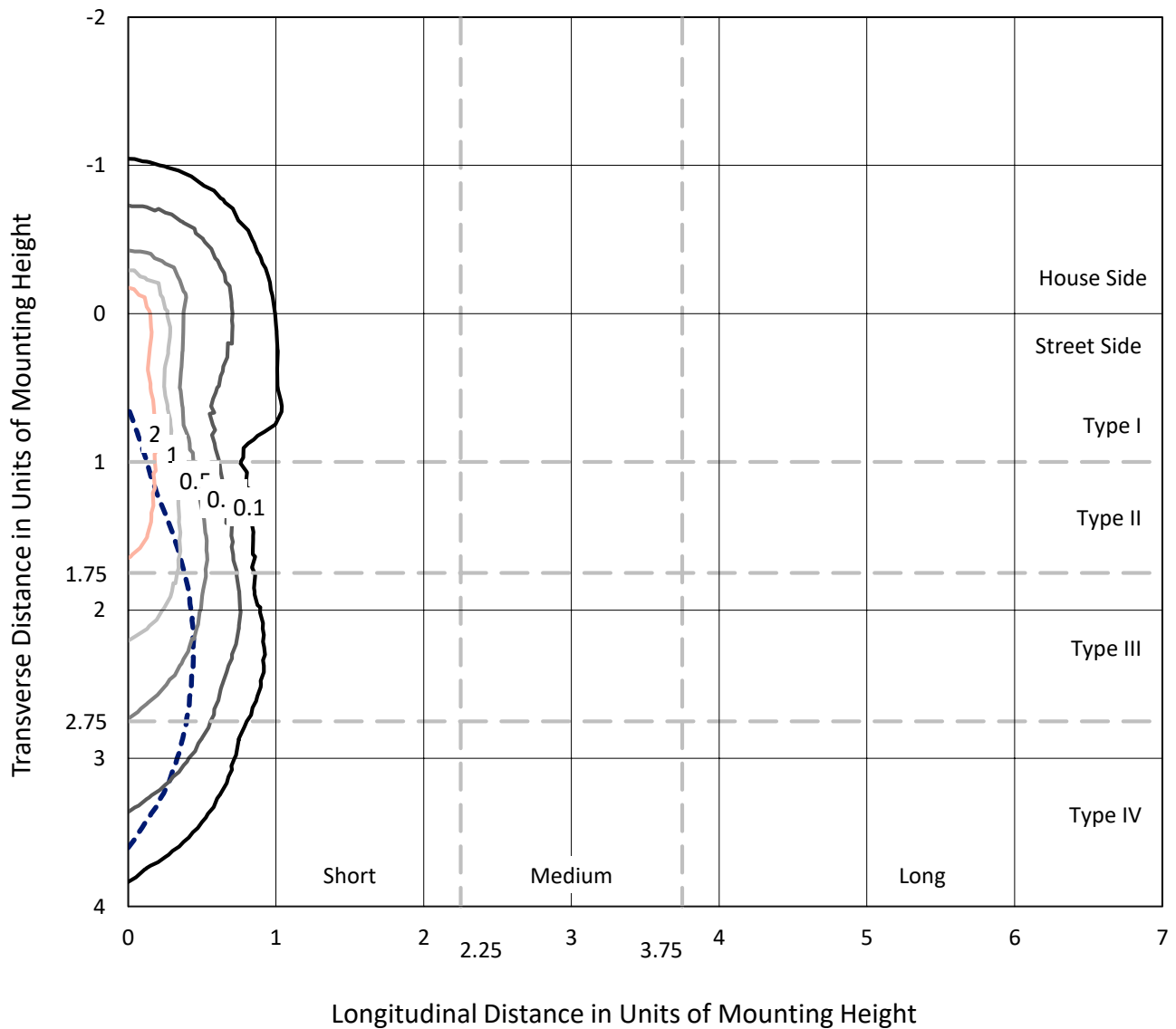


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### Iso-Footcandle Lines of Horizontal Illumination

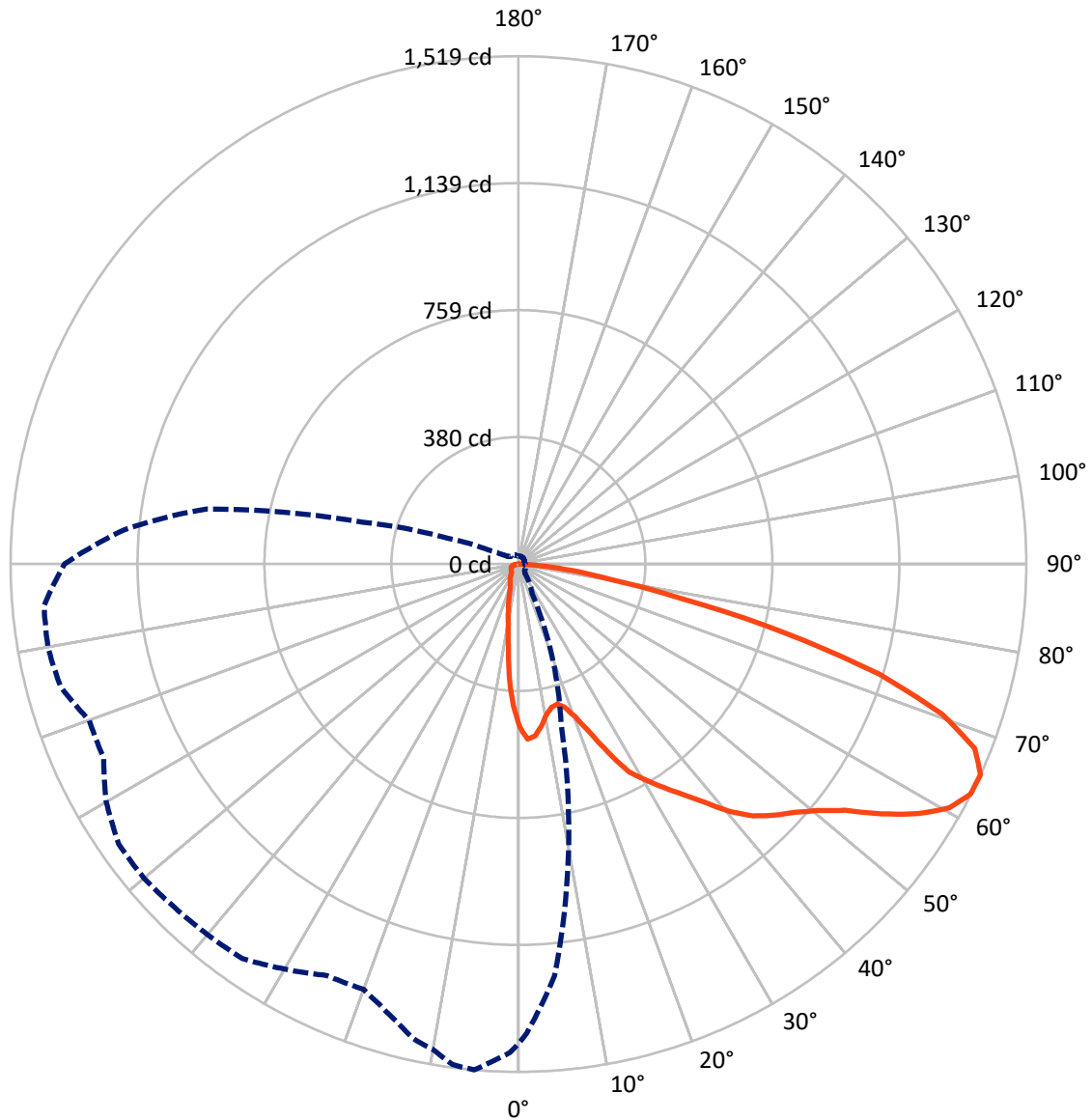
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 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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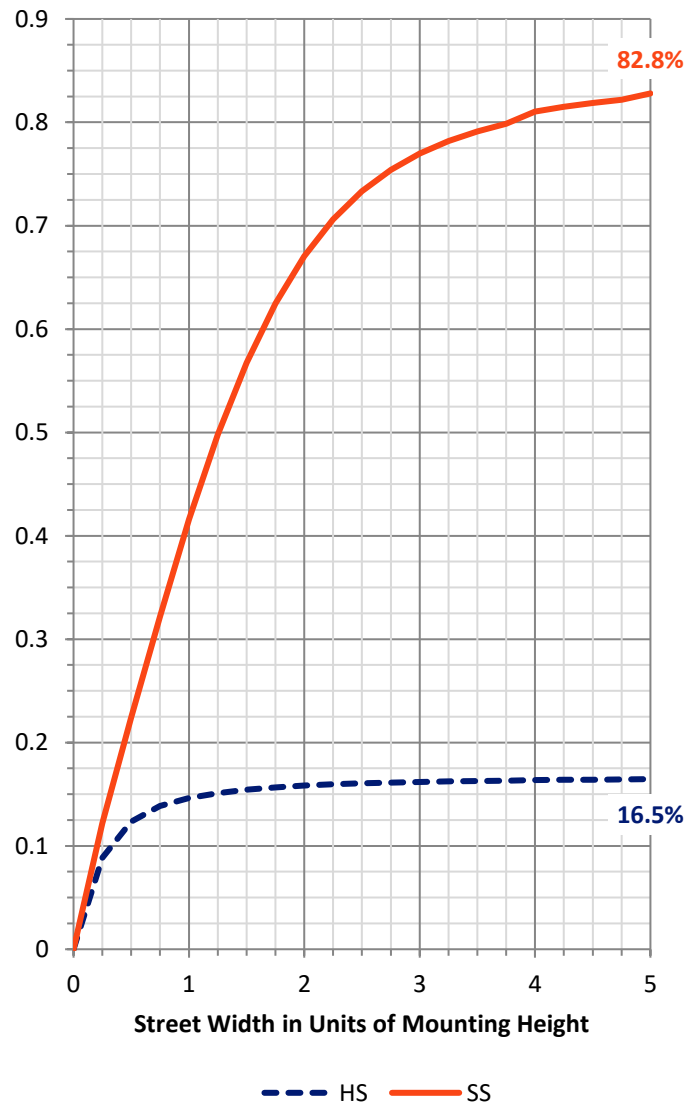
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	292.8	0.0	292.8
	% Fixture	16.6	0.0	16.6
<b>Street Side</b>	Lumens	1468.2	0.0	1468.2
	% Fixture	83.4	0.0	83.4
<b>Total</b>	Lumens	1761.0	0.0	1761.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.4	2.1
10°-20°	77.1	4.4
20°-30°	112.1	6.4
30°-40°	165.8	9.4
40°-50°	241.6	13.7
50°-60°	362.1	20.6
60°-70°	451.2	25.6
70°-80°	264.3	15.0
80°-90°	49.4	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°	1761.0	100.0
0°-180°	1761.0	100.0



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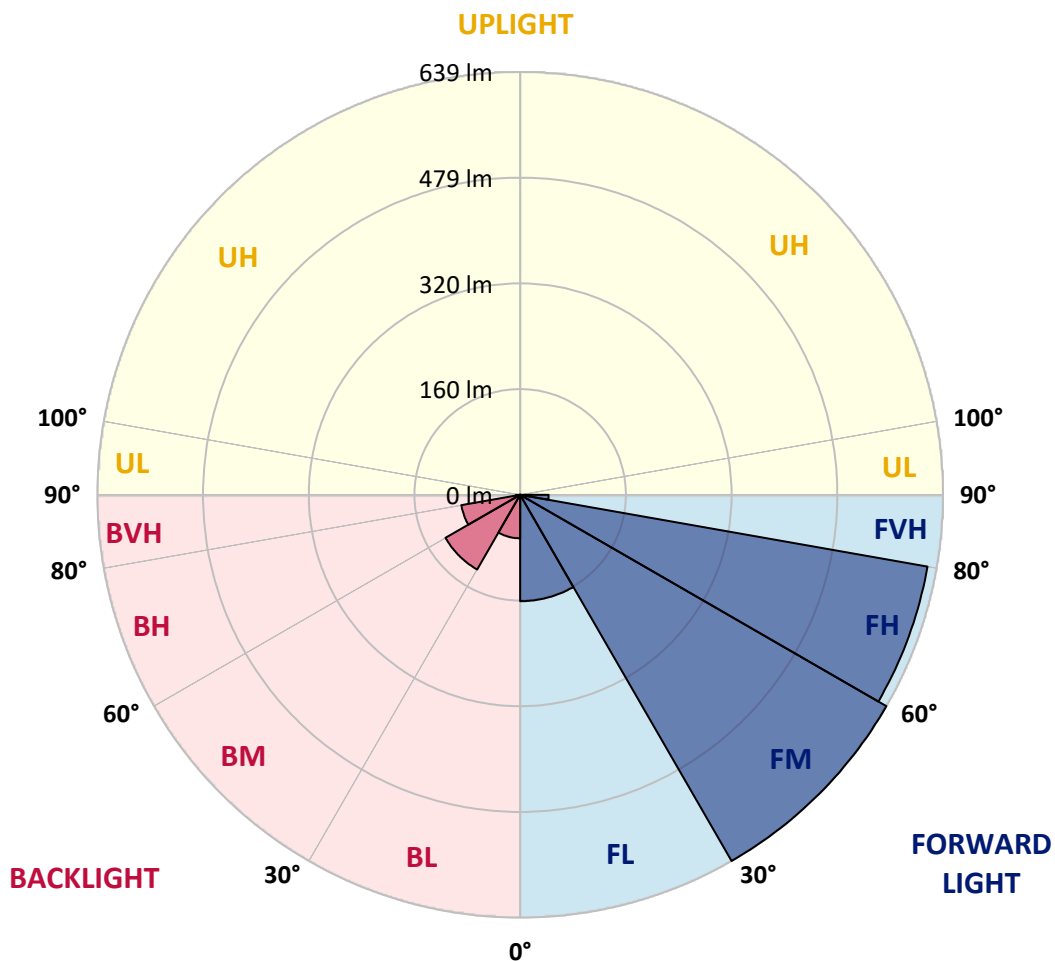
CATALOG NUMBER: ISS-AF-350-LED-E1-SLR-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	160.9	9.1			
FM	(30°-60°)	639.1	36.3			
FH	(60°-80°)	625.2	35.5			G0/660
FVH	(80°-90°)	43.1	2.4			G1/100
BL	(0°-30°)	65.7	3.7	B0/110		
BM	(30°-60°)	130.3	7.4	B0/220		
BH	(60°-80°)	90.4	5.1	B0/110		G0/110
BVH	(80°-90°)	6.4	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-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°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3
2.5°	517.3	513.1	504.8	488.0	470.6	453.9	451.1	444.8	445.5	442.0	440.6
5°	500.6	495.0	477.6	442.7	412.7	382.1	380.0	367.4	368.8	361.1	357.0
7.5°	463.6	456.0	436.4	388.3	346.5	306.1	301.9	287.2	285.2	277.5	271.2
10°	427.4	419.7	395.3	340.2	292.1	262.1	257.3	250.3	244.7	241.2	235.0
12.5°	404.4	400.2	370.9	307.5	269.8	245.4	239.1	232.2	226.6	220.3	214.0
15°	399.5	391.1	361.1	297.0	253.1	223.1	215.4	207.8	201.5	195.2	186.2
17.5°	412.7	404.4	370.9	292.1	234.3	198.0	188.2	177.8	171.5	163.8	154.1
20°	444.1	430.9	389.7	285.2	214.0	168.7	156.9	144.3	137.3	124.1	117.1
22.5°	494.3	477.6	421.8	285.2	195.2	138.0	124.8	113.6	106.0	94.1	86.5
25°	566.1	551.5	474.1	292.8	178.5	112.2	99.0	87.8	80.2	71.8	66.9
27.5°	633.1	610.0	529.9	304.0	165.2	94.1	80.9	71.8	66.2	62.1	59.3
30°	683.2	664.4	578.7	311.6	145.7	78.8	70.4	64.8	62.1	60.0	58.6
32.5°	729.3	707.7	613.5	316.5	133.9	66.9	59.3	55.1	52.3	49.5	48.8
35°	778.1	757.2	654.7	315.8	126.2	61.4	53.7	48.8	46.0	45.3	43.9
37.5°	845.7	817.1	702.1	315.8	123.4	59.3	50.2	45.3	43.2	41.8	41.1
40°	911.2	879.2	754.4	317.9	120.6	57.9	50.2	45.3	41.8	40.4	39.0
42.5°	972.6	937.0	801.8	321.4	119.2	53.7	47.4	44.6	43.2	40.4	38.3
45°	1019.3	991.4	838.7	328.4	119.2	50.9	44.6	42.5	41.8	41.8	41.1
47.5°	1064.6	1033.2	881.3	341.6	121.3	48.8	42.5	39.7	39.7	39.7	40.4
50°	1123.2	1086.2	939.8	368.8	121.3	48.1	40.4	37.6	37.0	38.3	38.3
52.5°	1202.7	1176.2	1025.6	407.9	119.9	47.4	39.7	35.6	34.9	35.6	37.0
55°	1314.9	1284.9	1129.5	456.0	118.5	46.0	38.3	34.9	33.5	32.8	33.5
57.5°	1411.8	1386.0	1225.0	494.3	115.0	42.5	37.0	34.2	32.1	31.4	30.7
60°	1454.3	1432.7	1286.3	520.1	108.8	39.0	34.9	32.8	30.7	30.0	29.3
62.5°	1461.3	1434.1	1287.0	525.7	101.8	35.6	32.8	30.7	29.3	28.6	27.9
65°	1434.1	1403.5	1236.1	491.5	96.2	35.6	31.4	29.3	27.2	26.5	25.8
67.5°	1372.8	1325.4	1107.1	416.9	91.3	36.3	30.7	27.2	25.8	25.1	24.4
70°	1225.0	1172.0	934.9	331.2	89.2	37.0	30.7	25.8	23.7	23.0	23.0
72.5°	981.6	921.0	729.3	249.6	85.8	37.6	30.0	24.4	22.3	20.9	20.9
75°	664.4	611.4	494.3	168.7	71.1	32.8	27.2	22.3	19.5	18.1	17.4
77.5°	370.2	352.8	314.4	89.2	45.3	24.4	20.9	18.1	16.0	15.3	14.6
80°	217.5	208.5	185.5	49.5	27.9	13.9	12.5	11.9	10.5	10.5	10.5
82.5°	133.2	124.1	115.0	22.3	13.2	7.0	7.0	5.6	5.6	4.9	4.9
85°	36.3	33.5	46.7	4.9	1.4	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°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3
2.5°	435.0	433.7	433.7	423.2	423.2	417.6	416.2	416.2	418.3	416.9	408.6
5°	350.0	345.8	343.0	330.5	327.0	320.7	317.9	317.2	319.3	315.8	304.7
7.5°	263.5	260.1	255.9	246.1	241.9	241.2	232.9	230.8	229.4	226.6	219.6
10°	230.1	225.2	221.7	214.7	209.9	206.4	199.4	195.9	193.1	188.9	186.8
12.5°	207.1	202.2	197.3	188.2	182.0	177.8	173.6	166.6	163.8	159.0	156.2
15°	178.5	172.9	167.3	157.6	149.2	145.0	136.6	132.5	129.7	124.1	121.3
17.5°	143.6	136.0	129.7	120.6	116.4	109.5	104.6	97.6	92.0	89.9	87.8
20°	108.1	101.1	95.5	87.8	83.7	78.1	75.3	70.4	67.6	66.2	64.8
22.5°	79.5	73.9	70.4	66.2	64.1	62.1	60.7	59.3	57.9	57.2	57.2
25°	62.7	60.7	59.3	57.9	57.2	56.5	55.1	54.4	53.7	53.0	53.0
27.5°	57.2	55.8	55.1	54.4	53.7	52.3	52.3	50.9	50.2	50.2	49.5
30°	57.9	57.9	57.9	56.5	55.8	54.4	53.7	51.6	50.2	48.8	48.1
32.5°	47.4	47.4	46.7	45.3	44.6	43.9	43.9	42.5	41.8	41.8	43.2
35°	43.2	42.5	41.8	40.4	39.7	38.3	37.6	37.0	36.3	35.6	35.6
37.5°	41.1	40.4	39.7	38.3	37.6	37.0	36.3	34.9	34.2	34.2	33.5
40°	39.0	39.0	39.0	37.6	37.0	35.6	34.9	34.2	33.5	32.8	32.8
42.5°	37.6	37.6	37.6	37.0	36.3	35.6	34.2	33.5	32.8	32.1	31.4
45°	38.3	37.6	37.6	37.0	36.3	34.9	34.2	32.8	32.1	31.4	30.7
47.5°	41.1	40.4	39.0	37.6	36.3	34.9	33.5	32.1	31.4	30.7	30.0
50°	39.0	41.8	42.5	40.4	37.0	34.9	33.5	32.1	30.7	30.0	29.3
52.5°	38.3	39.0	41.8	41.8	38.3	35.6	33.5	32.1	30.7	29.3	28.6
55°	34.9	37.0	37.6	38.3	37.6	34.9	32.8	30.7	30.0	28.6	27.2
57.5°	30.7	32.1	32.8	34.2	34.9	34.2	31.4	29.3	28.6	27.2	25.8
60°	28.6	28.6	28.6	29.3	32.8	35.6	32.8	28.6	26.5	25.8	24.4
62.5°	26.5	26.5	25.8	26.5	27.2	30.7	30.0	27.2	25.8	25.1	23.7
65°	25.8	25.1	24.4	24.4	24.4	24.4	24.4	24.4	23.7	23.7	23.0
67.5°	23.7	23.0	23.0	22.3	22.3	22.3	22.3	22.3	21.6	21.6	20.9
70°	22.3	21.6	20.9	20.9	20.9	20.2	20.2	20.2	19.5	19.5	19.5
72.5°	20.2	19.5	19.5	19.5	18.8	18.8	18.8	18.1	18.1	17.4	17.4
75°	17.4	17.4	16.7	16.7	16.7	16.0	16.0	16.0	16.0	15.3	15.3
77.5°	14.6	13.9	14.6	13.9	13.9	13.9	13.9	13.9	13.2	13.2	12.5
80°	9.8	9.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.8
82.5°	5.6	4.9	5.6	5.6	5.6	6.3	6.3	7.0	6.3	6.3	5.6
85°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4	1.4	1.4	1.4
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





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**CANDELA DISTRIBUTION (continued):**

	77.5°	80°	85°	90°	95°	100°	102.5°	105°	107.5°	110°	112.5°
0°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3
2.5°	412.7	412.0	405.1	406.5	404.4	400.2	400.9	401.6	403.0	400.2	398.8
5°	310.3	310.9	301.9	304.7	302.6	301.9	304.0	307.5	309.6	308.9	306.8
7.5°	220.3	221.0	213.3	212.6	210.6	209.9	212.6	216.1	218.2	217.5	218.2
10°	182.0	179.9	172.9	168.0	163.1	159.0	158.3	158.3	158.3	156.9	155.5
12.5°	150.6	148.5	140.1	136.0	131.8	126.2	125.5	124.8	122.7	120.6	117.8
15°	117.1	115.0	108.1	105.3	101.8	99.7	99.0	99.0	97.6	96.2	94.8
17.5°	85.1	83.7	79.5	76.7	76.0	76.7	77.4	78.8	79.5	80.2	80.2
20°	64.1	63.4	62.1	62.1	62.7	64.8	65.5	67.6	68.3	69.7	71.1
22.5°	56.5	56.5	55.8	55.8	57.2	59.3	60.7	61.4	62.1	62.7	62.7
25°	52.3	52.3	51.6	53.0	55.1	55.1	55.1	55.1	53.7	53.0	53.0
27.5°	49.5	49.5	49.5	50.2	49.5	48.8	48.8	48.8	48.1	48.1	47.4
30°	47.4	47.4	47.4	46.7	46.7	46.0	46.0	45.3	45.3	44.6	44.6
32.5°	43.9	42.5	43.9	42.5	42.5	41.8	42.5	42.5	41.1	41.1	41.1
35°	34.9	34.2	34.2	34.2	33.5	34.2	35.6	35.6	35.6	35.6	35.6
37.5°	32.8	32.8	32.1	31.4	31.4	30.7	31.4	30.7	30.7	30.7	31.4
40°	32.1	31.4	30.7	30.7	30.0	29.3	29.3	29.3	29.3	29.3	29.3
42.5°	30.7	30.7	29.3	28.6	28.6	27.9	27.9	27.9	27.9	27.9	27.9
45°	30.0	29.3	28.6	27.9	27.2	27.2	27.2	27.2	27.2	27.2	26.5
47.5°	29.3	28.6	27.9	27.2	26.5	25.8	25.8	25.8	25.8	25.8	25.8
50°	28.6	27.9	26.5	26.5	25.8	25.1	25.1	25.1	25.1	25.1	25.1
52.5°	27.2	27.2	25.8	25.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4
55°	25.8	25.8	24.4	23.7	23.0	23.0	23.0	23.0	23.7	23.7	23.7
57.5°	25.1	24.4	23.0	23.0	21.6	21.6	21.6	22.3	22.3	23.0	23.0
60°	23.7	23.0	22.3	21.6	21.6	20.9	20.9	20.9	20.9	21.6	21.6
62.5°	23.0	22.3	20.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
65°	21.6	21.6	20.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
67.5°	20.2	20.2	18.8	18.1	18.1	18.1	18.8	18.1	18.1	18.1	18.1
70°	18.8	18.1	17.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
72.5°	16.7	16.7	16.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.0
75°	14.6	13.9	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
77.5°	12.5	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.9
80°	9.1	8.4	8.4	8.4	8.4	9.1	9.1	9.1	9.1	9.1	9.1
82.5°	5.6	4.9	4.9	4.9	5.6	6.3	6.3	6.3	6.3	7.0	7.0
85°	1.4	1.4	1.4	1.4	2.8	3.5	3.5	3.5	4.2	3.5	3.5
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°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3
2.5°	397.4	405.8	405.8	400.2	403.0	400.2	399.5	404.4	407.2	416.2	421.8
5°	307.5	317.9	318.6	315.8	319.3	317.2	319.3	325.6	330.5	336.7	342.3
7.5°	219.6	229.4	231.5	229.4	235.7	235.0	236.3	243.3	247.5	251.0	251.7
10°	154.8	156.2	161.7	160.4	164.5	163.8	165.9	171.5	177.1	179.2	180.6
12.5°	116.4	115.0	117.1	114.3	116.4	116.4	117.1	120.6	127.6	130.4	137.3
15°	94.1	92.7	92.7	91.3	91.3	90.6	91.3	94.1	99.0	103.2	108.8
17.5°	80.2	80.2	80.2	79.5	78.8	78.8	79.5	80.9	83.7	86.5	89.2
20°	71.8	73.2	73.9	74.6	75.3	76.0	76.7	78.8	78.1	75.3	71.8
22.5°	62.7	62.7	63.4	63.4	62.7	62.7	62.7	62.7	62.7	64.8	66.9
25°	52.3	52.3	52.3	53.0	52.3	52.3	53.0	53.0	53.7	55.1	57.2
27.5°	47.4	47.4	47.4	47.4	47.4	47.4	47.4	48.1	48.8	50.9	52.3
30°	43.9	43.9	43.2	43.2	43.2	42.5	43.2	43.2	43.9	46.7	48.8
32.5°	40.4	39.7	39.7	39.7	39.0	39.0	39.0	40.4	41.1	42.5	44.6
35°	35.6	35.6	35.6	36.3	36.3	36.3	36.3	37.6	37.6	38.3	38.3
37.5°	32.1	32.1	32.8	33.5	33.5	34.2	34.2	34.9	35.6	34.9	34.2
40°	29.3	30.0	30.0	31.4	31.4	31.4	32.1	32.8	33.5	32.1	32.1
42.5°	27.9	27.9	27.9	28.6	28.6	28.6	29.3	30.0	30.7	30.7	30.7
45°	26.5	26.5	26.5	27.2	26.5	26.5	26.5	27.2	28.6	28.6	29.3
47.5°	25.8	25.8	25.8	25.1	25.1	25.1	25.1	25.8	26.5	27.9	28.6
50°	25.1	24.4	24.4	24.4	24.4	24.4	24.4	25.1	25.8	26.5	27.9
52.5°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	24.4	25.1	25.8	26.5
55°	23.7	23.7	23.0	23.0	23.7	23.7	23.7	24.4	25.1	25.8	25.8
57.5°	23.0	22.3	22.3	23.0	23.0	23.0	23.0	23.7	24.4	25.1	25.1
60°	21.6	21.6	21.6	21.6	22.3	22.3	23.0	23.7	23.7	24.4	24.4
62.5°	20.2	20.9	20.9	20.9	21.6	21.6	22.3	23.0	23.7	24.4	23.7
65°	19.5	20.2	20.2	20.2	20.9	20.9	20.9	22.3	23.0	23.0	23.7
67.5°	18.8	18.8	18.8	19.5	19.5	20.2	20.2	21.6	21.6	22.3	23.0
70°	17.4	17.4	17.4	18.1	18.1	18.8	19.5	20.2	20.2	20.9	21.6
72.5°	16.0	16.0	16.0	16.7	16.7	17.4	18.1	19.5	18.8	19.5	19.5
75°	13.9	13.9	14.6	14.6	15.3	16.0	16.7	16.7	16.7	16.7	16.7
77.5°	11.9	11.9	12.5	12.5	13.2	13.9	13.9	13.9	14.6	13.9	13.9
80°	9.8	9.8	10.5	10.5	10.5	10.5	11.2	10.5	11.2	10.5	11.2
82.5°	7.0	7.0	7.7	7.0	7.7	7.0	7.0	6.3	7.7	7.0	7.0
85°	2.8	3.5	3.5	3.5	3.5	2.8	2.8	2.1	2.8	2.8	2.1
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: P228624

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**CANDELA DISTRIBUTION (continued):**

	175°	180°	185°	195°	205°	215°	225°	230°	235°	240°	245°
0°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3
2.5°	423.9	423.2	433.7	441.3	446.2	465.0	473.4	483.9	488.7	495.7	502.7
5°	343.0	341.6	354.2	363.9	372.3	399.5	415.5	430.2	442.0	453.2	469.2
7.5°	245.4	242.6	251.0	259.4	270.5	299.8	327.7	347.2	364.6	383.5	404.4
10°	181.3	183.4	191.7	204.3	218.9	241.2	263.5	277.5	292.8	313.7	338.8
12.5°	145.0	153.4	160.4	175.7	193.1	218.2	241.9	253.1	264.2	274.7	287.9
15°	116.4	121.3	126.9	141.5	162.4	191.7	219.6	232.2	245.4	258.0	269.8
17.5°	89.9	92.0	94.8	105.3	124.1	159.0	189.6	205.7	221.0	238.4	254.5
20°	71.8	71.8	72.5	77.4	90.6	117.8	155.5	175.7	195.2	217.5	240.5
22.5°	62.7	62.1	62.7	64.8	71.1	87.1	121.3	145.0	170.1	198.0	226.6
25°	59.3	58.6	57.9	59.3	62.7	70.4	94.8	119.9	145.7	179.2	214.0
27.5°	53.7	54.4	55.1	56.5	59.3	63.4	78.8	97.6	126.2	163.1	205.0
30°	50.2	50.9	51.6	53.0	57.9	62.7	71.8	83.7	108.1	144.3	191.0
32.5°	46.0	46.7	47.4	48.1	49.5	55.1	61.4	71.1	92.0	127.6	176.4
35°	37.6	37.6	38.3	40.4	43.2	48.8	55.1	62.7	82.3	116.4	167.3
37.5°	34.9	34.9	35.6	37.6	40.4	45.3	50.9	57.9	78.1	112.2	159.0
40°	32.8	33.5	33.5	35.6	38.3	43.9	47.4	55.8	76.0	106.0	150.6
42.5°	31.4	31.4	32.1	34.2	37.6	41.8	46.7	54.4	70.4	100.4	145.7
45°	30.0	30.7	30.7	32.8	37.0	40.4	47.4	51.6	66.9	96.2	141.5
47.5°	29.3	29.3	30.0	32.1	36.3	41.1	46.0	48.8	63.4	92.7	138.0
50°	27.9	28.6	29.3	31.4	35.6	45.3	43.9	46.7	60.7	89.9	136.0
52.5°	27.2	27.9	28.6	30.7	35.6	46.0	42.5	43.9	58.6	87.1	134.6
55°	26.5	26.5	27.2	30.0	35.6	42.5	39.7	42.5	54.4	83.0	131.1
57.5°	25.1	25.8	26.5	28.6	34.9	39.0	37.6	40.4	50.2	76.0	126.2
60°	25.1	25.1	25.8	27.9	34.9	34.9	35.6	38.3	45.3	67.6	117.8
62.5°	24.4	24.4	25.1	27.9	35.6	31.4	33.5	36.3	41.8	60.7	107.4
65°	23.7	23.7	24.4	26.5	30.7	30.0	32.1	34.2	40.4	55.8	98.3
67.5°	22.3	22.3	23.0	25.1	27.2	27.9	30.7	32.8	39.7	55.1	89.9
70°	20.9	20.9	20.9	23.0	24.4	26.5	28.6	31.4	39.7	54.4	83.7
72.5°	19.5	18.8	19.5	20.9	22.3	23.7	25.8	29.3	39.0	55.1	80.9
75°	16.7	16.7	16.7	18.1	19.5	20.9	23.0	27.2	37.0	51.6	72.5
77.5°	13.9	13.9	13.2	15.3	16.7	17.4	19.5	23.7	32.1	43.9	58.6
80°	10.5	9.8	9.8	11.9	12.5	13.9	15.3	18.1	25.1	32.1	43.2
82.5°	6.3	5.6	5.6	7.7	8.4	9.1	11.9	13.2	16.7	20.9	29.3
85°	2.1	2.1	2.1	3.5	4.2	4.9	7.0	7.7	10.5	13.2	15.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.1	3.5	4.2	3.5
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°	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	0°
2.5°	511.0	518.0	527.1	535.4	541.7	547.3	554.3	554.3	562.6	565.4	571.0	2.5°
5°	481.8	495.0	514.5	530.6	550.1	568.9	586.3	596.1	612.8	624.0	635.1	5°
7.5°	422.5	440.6	465.0	487.3	515.9	546.6	575.2	601.7	629.6	653.3	670.7	7.5°
10°	360.4	385.5	411.3	439.9	470.6	503.4	538.2	573.8	607.3	640.7	669.3	10°
12.5°	309.6	338.1	367.4	403.0	438.5	473.4	514.5	545.2	580.1	613.5	641.4	12.5°
15°	287.9	313.0	347.2	386.2	423.9	459.5	497.8	529.2	561.9	589.1	608.6	15°
17.5°	278.9	310.9	350.0	391.1	431.6	474.8	509.0	535.4	559.8	572.4	575.2	17.5°
20°	269.1	313.0	365.3	415.5	465.0	510.3	535.4	552.9	557.1	556.4	545.9	20°
22.5°	263.5	320.0	384.9	455.3	517.3	570.3	587.7	584.2	566.8	544.5	527.1	22.5°
25°	262.1	336.0	418.3	511.7	587.7	640.7	650.5	631.0	591.9	548.7	519.4	25°
27.5°	263.5	354.2	460.1	572.4	661.6	716.0	712.5	683.2	627.5	566.8	520.1	27.5°
30°	257.3	373.0	502.0	625.4	713.9	759.2	745.3	701.4	639.3	578.7	529.2	30°
32.5°	246.8	386.9	538.9	667.9	768.3	802.5	777.4	730.0	665.8	603.8	552.9	32.5°
35°	235.0	393.2	565.4	707.7	826.9	845.0	804.6	756.5	697.9	635.1	580.1	35°
37.5°	222.4	393.9	590.5	749.5	883.3	891.0	832.4	780.9	723.7	667.2	617.0	37.5°
40°	215.4	391.1	616.3	801.1	944.0	933.5	861.7	801.1	744.6	701.4	660.2	40°
42.5°	212.6	386.2	635.1	840.1	996.3	973.3	888.9	821.3	770.4	734.1	705.6	42.5°
45°	212.6	381.4	652.6	869.4	1035.3	1005.4	914.7	840.8	795.5	773.2	759.2	45°
47.5°	213.3	383.5	673.5	916.8	1068.8	1036.0	934.9	869.4	830.4	822.0	826.9	47.5°
50°	216.8	407.2	709.0	969.1	1110.6	1068.8	962.1	901.5	877.8	886.1	914.0	50°
52.5°	222.4	444.8	770.4	1031.1	1175.5	1121.1	1007.4	947.5	936.3	966.3	1019.3	52.5°
55°	228.0	483.2	850.6	1135.0	1280.0	1215.9	1087.6	1027.7	1014.4	1060.4	1136.4	55°
57.5°	232.9	511.7	928.7	1238.2	1370.7	1321.9	1193.6	1121.1	1115.5	1165.0	1248.0	57.5°
60°	237.7	534.1	974.0	1284.2	1411.8	1406.9	1303.1	1236.1	1227.8	1273.8	1352.6	60°
62.5°	235.0	525.7	986.5	1261.2	1408.3	1448.8	1392.3	1344.9	1316.3	1354.6	1431.3	62.5°
65°	224.5	481.8	946.8	1181.7	1357.4	1423.7	1428.5	1417.4	1365.8	1368.6	1423.0	65°
67.5°	195.9	405.1	824.8	1056.2	1257.7	1336.5	1418.8	1415.3	1349.8	1291.9	1303.1	67.5°
70°	162.4	317.9	672.8	899.4	1116.2	1183.8	1314.9	1341.4	1248.0	1139.9	1089.0	70°
72.5°	136.6	237.7	517.3	696.5	894.5	973.3	1167.8	1204.8	1077.2	925.2	846.4	72.5°
75°	113.6	168.0	363.9	479.7	617.0	720.9	1019.3	1022.8	874.3	727.9	642.8	75°
77.5°	84.4	114.3	263.5	335.4	423.9	513.1	824.1	833.1	693.7	552.2	479.0	77.5°
80°	56.5	70.4	168.0	234.3	285.2	343.7	604.5	566.1	458.1	382.8	363.9	80°
82.5°	34.2	41.1	96.9	163.8	179.9	214.0	380.0	354.9	301.9	276.1	283.1	82.5°
85°	18.8	25.8	59.3	107.4	83.7	117.1	207.8	202.9	190.3	166.6	145.0	85°
87.5°	4.9	5.6	13.2	4.9	2.1	6.3	40.4	26.5	26.5	15.3	5.6	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°

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 NUMBER: ISS-AF-350-LED-E1-SLR-7030

REPORT NUMBER: P  
 CATALOG NUMBER:

<u>DISTRIBUTION (continued):</u>											<u>CANDELA DISTRIBUTION</u>	
305°	310°	315°	325°	335°	340°	342.5°	345°	347.5°	350°	352.5°		355°
487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	487.3	0°	487.3
566.1	568.2	567.5	562.6	550.1	545.2	543.1	537.5	531.3	531.3	525.7	2.5°	524.3
634.4	637.9	633.7	621.9	589.8	574.5	565.4	554.3	545.2	536.8	528.5	5°	516.6
682.6	685.3	678.4	651.2	594.0	568.2	554.3	541.0	529.9	515.2	502.0	7.5°	490.1
691.6	697.9	690.2	651.2	584.9	552.9	537.5	522.9	506.9	491.5	472.7	10°	458.1
665.8	679.1	673.5	644.9	580.8	546.6	528.5	511.0	491.5	475.5	453.9	12.5°	439.9
626.1	627.5	631.0	630.3	573.1	539.6	521.5	503.4	485.9	470.6	451.8	15°	434.4
582.2	580.8	584.9	598.2	571.0	544.5	532.7	515.2	502.7	485.2	470.6	17.5°	451.1
542.4	540.3	544.5	557.8	562.6	556.4	551.5	541.0	531.3	520.1	508.3	20°	489.4
517.3	510.3	509.6	529.2	566.8	583.6	587.0	585.6	584.9	576.6	568.2	22.5°	546.6
503.4	495.7	499.2	521.5	584.2	615.6	631.7	637.2	644.9	644.9	644.9	25°	624.0
499.2	490.8	495.7	520.8	602.4	654.7	677.7	691.6	706.3	712.5	716.7	27.5°	703.5
502.0	493.6	495.7	525.7	611.4	663.7	690.9	711.1	734.1	749.5	759.9	30°	749.5
518.0	503.4	502.0	540.3	628.2	683.9	712.5	735.5	761.3	778.8	797.6	32.5°	796.2
539.6	518.7	515.9	564.0	649.8	709.7	738.3	758.5	785.0	808.7	835.9	35°	845.7
575.9	550.1	545.9	603.8	679.1	731.4	759.9	786.4	815.0	845.7	880.6	37.5°	903.6
624.7	598.9	598.9	654.7	718.8	761.3	792.7	820.6	852.0	893.1	935.6	40°	972.6
679.8	663.0	665.8	716.0	764.1	799.0	829.0	858.9	891.7	932.8	982.3	42.5°	1029.8
753.0	743.9	757.8	793.4	810.1	833.8	860.3	886.8	922.4	964.9	1021.4	45°	1071.6
838.7	846.4	865.9	877.1	856.9	869.4	890.3	914.7	956.5	999.8	1055.6	47.5°	1109.9
946.1	966.3	985.1	982.3	914.7	910.5	930.1	948.9	990.7	1040.2	1099.5	50°	1158.0
1069.5	1096.0	1109.2	1093.9	979.6	955.2	971.2	997.0	1043.0	1099.5	1165.7	52.5°	1222.9
1195.0	1227.1	1222.9	1205.4	1050.0	1017.2	1027.0	1057.6	1114.1	1178.3	1261.9	55°	1318.4
1308.6	1333.7	1344.9	1307.2	1135.7	1092.5	1103.7	1135.7	1195.7	1267.5	1353.3	57.5°	1409.0
1398.6	1425.8	1425.8	1388.8	1229.2	1179.0	1197.8	1229.2	1280.7	1351.9	1432.0	60°	1480.1
1464.1	1485.7	1478.1	1442.5	1309.3	1271.0	1285.6	1328.9	1375.6	1428.5	1492.0	62.5°	1516.4
1459.2	1461.3	1453.0	1439.7	1357.4	1353.3	1381.1	1414.6	1453.6	1473.9	1509.4	65°	1518.5
1321.9	1322.6	1339.3	1333.7	1321.2	1372.8	1409.0	1436.9	1471.1	1471.1	1466.9	67.5°	1471.1
1083.4	1094.6	1123.2	1114.8	1179.0	1284.9	1326.8	1369.3	1399.3	1399.3	1363.7	70°	1343.5
824.8	831.8	865.9	858.2	945.4	1061.8	1153.9	1225.0	1254.3	1272.4	1227.1	72.5°	1128.8
600.3	599.6	614.2	603.1	713.2	842.9	937.7	1026.3	1074.4	1089.7	1007.4	75°	827.6
462.2	449.7	446.9	448.3	505.5	612.8	688.1	744.6	750.9	753.0	642.1	77.5°	501.3
373.0	373.0	368.8	353.5	309.6	358.4	396.7	441.3	457.4	480.4	384.9	80°	282.4
297.7	285.8	264.9	235.0	198.7	211.9	230.1	246.8	274.0	283.8	234.3	82.5°	160.4
148.5	144.3	126.2	104.6	87.1	115.7	129.0	130.4	130.4	120.6	98.3	85°	65.5
0.7	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

'228624

ISS-AF-350-LED-E1-SLR-7030

**TION (continued):**

359°	360°
487.3	487.3
515.9	517.3
504.8	500.6
469.9	463.6
432.3	427.4
410.6	404.4
406.5	399.5
421.1	412.7
453.9	444.1
506.2	494.3
578.0	566.1
648.4	633.1
698.6	683.2
747.4	729.3
796.2	778.1
861.7	845.7
934.2	911.2
994.2	972.6
1041.6	1019.3
1086.9	1064.6
1138.5	1123.2
1215.9	1202.7
1333.7	1314.9
1420.2	1411.8
1464.8	1454.3
1478.7	1461.3
1460.6	1434.1
1403.5	1372.8
1265.4	1225.0
1008.8	981.6
680.5	664.4
391.1	370.2
224.5	217.5
126.2	133.2
32.8	36.3
0.0	0.0
0.0	0.0

(END OF REPORT)