

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: P228719

Luminaire Tested: **ISS-AF-350-LED-E1-RW-7030-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228719
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29765)-DOWNLIGHT AND
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-RW-7030-ULG
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE WITH UPLIGHT
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I, WITH UPLIGHT
GLOW
Light Source: (16) 3000K CCT, 70 CRI LEDs and (1) UPLIGHT LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3533.2 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')
IES Classification: Type II - Medium - Non-Cutoff
BUG Rating: B1 - U5 - G1

Input Watts (W): 36.79
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

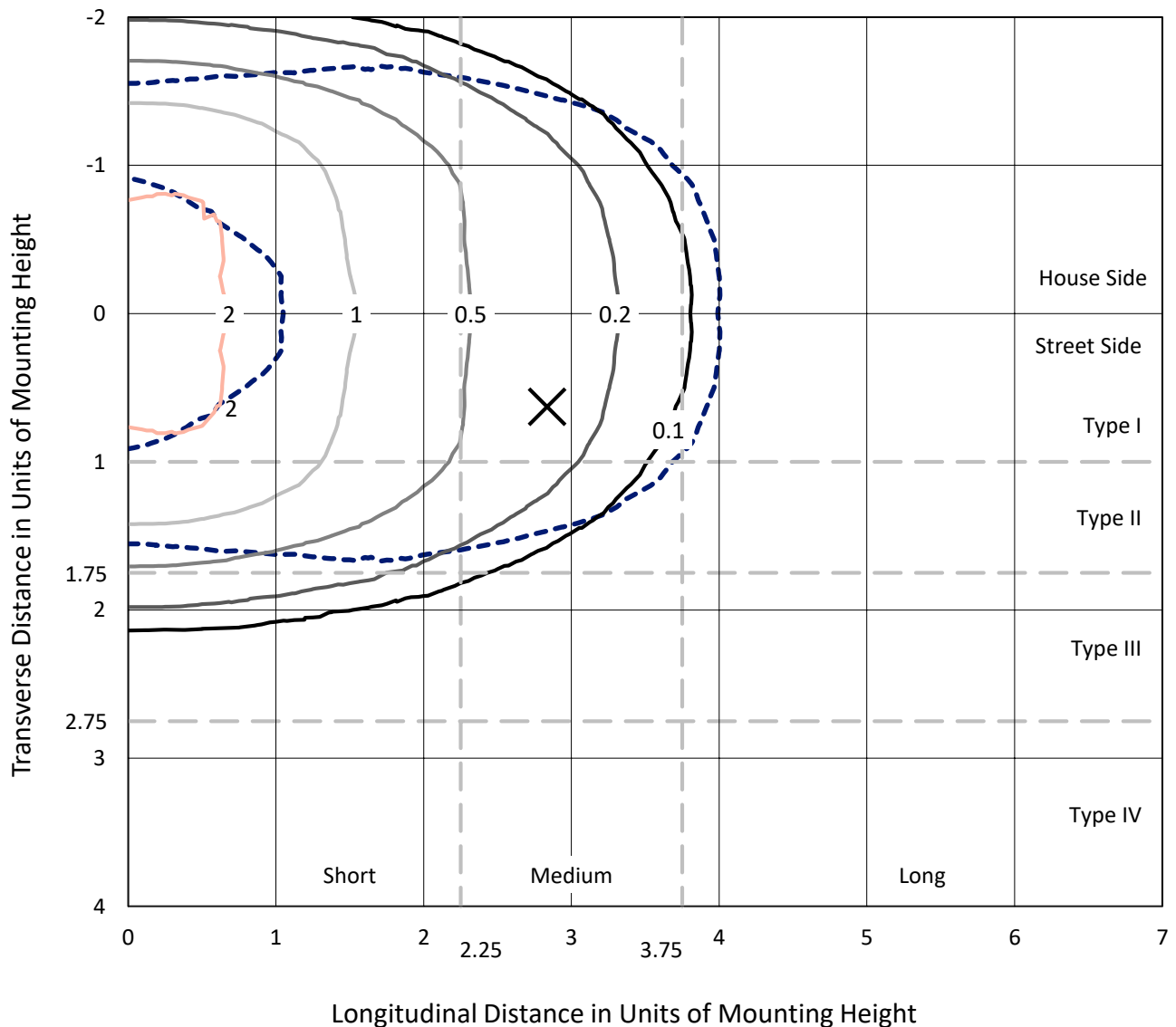


REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

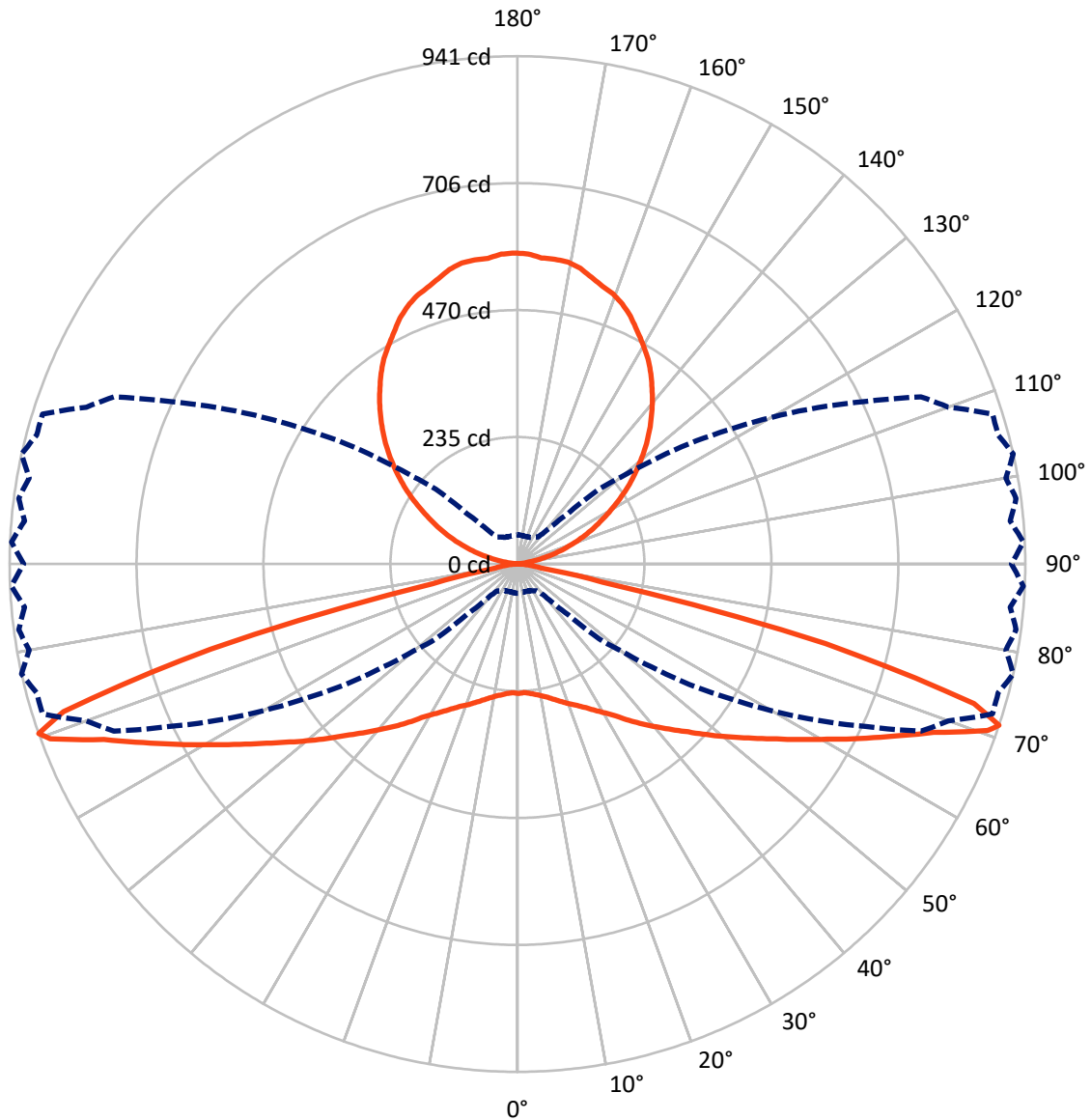


Based on 10 foot mounting height. Maximum calculated value = 2.5 fc
 Type II - Medium - Non-Cutoff

REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

Luminous Intensity Polar Plot



— Vertical Plane Through 77.5-Deg Lateral - - - Horizontal Cone Through 71-Deg Vertical

REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

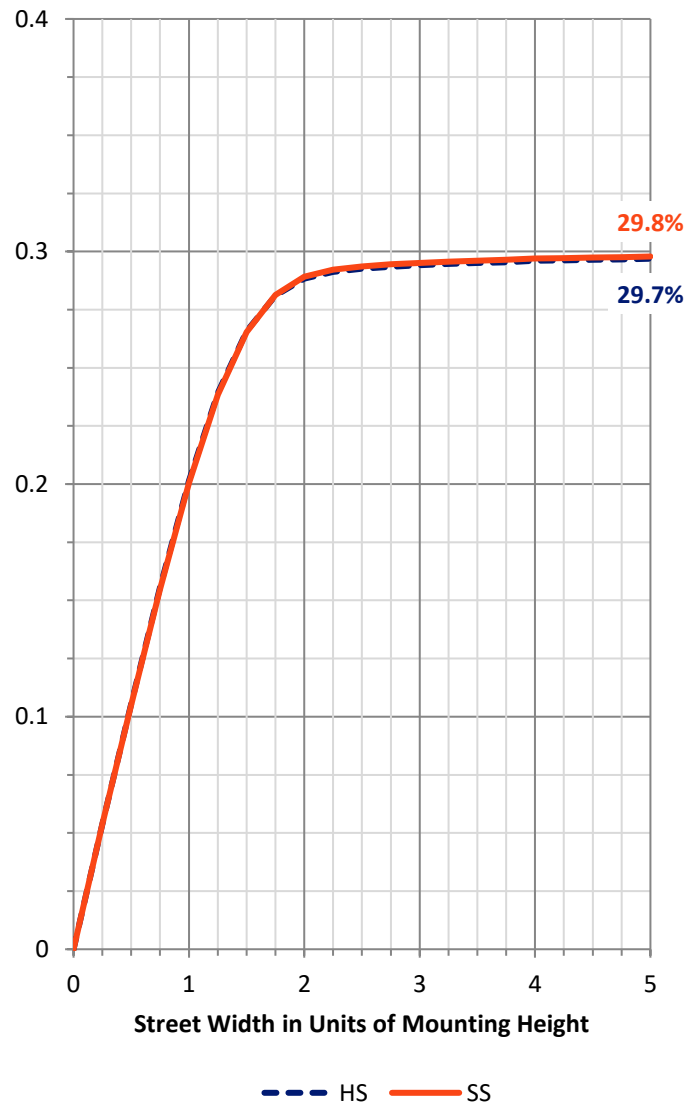
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1053.5	713.1	1766.6
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	1053.5	713.1	1766.6
	% Fixture	29.8	20.2	50.0
Total	Lumens	2107.0	1426.2	3533.2
	% Fixture	59.6	40.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	0.7
10°-20°	72.4	2.0
20°-30°	135.5	3.8
30°-40°	235.9	6.7
40°-50°	384.9	10.9
50°-60°	531.2	15.0
60°-70°	503.9	14.3
70°-80°	207.4	5.9
80°-90°	12.5	0.4
90°-100°	4.7	0.1
100°-110°	69.0	2.0
110°-120°	153.0	4.3
120°-130°	223.9	6.3
130°-140°	265.6	7.5
140°-150°	269.3	7.6
150°-160°	231.1	6.5
160°-170°	155.1	4.4
170°-180°	54.3	1.5
0°-90°	2107.0	59.6
0°-180°	3533.2	100.0



REPORT NUMBER: P228719

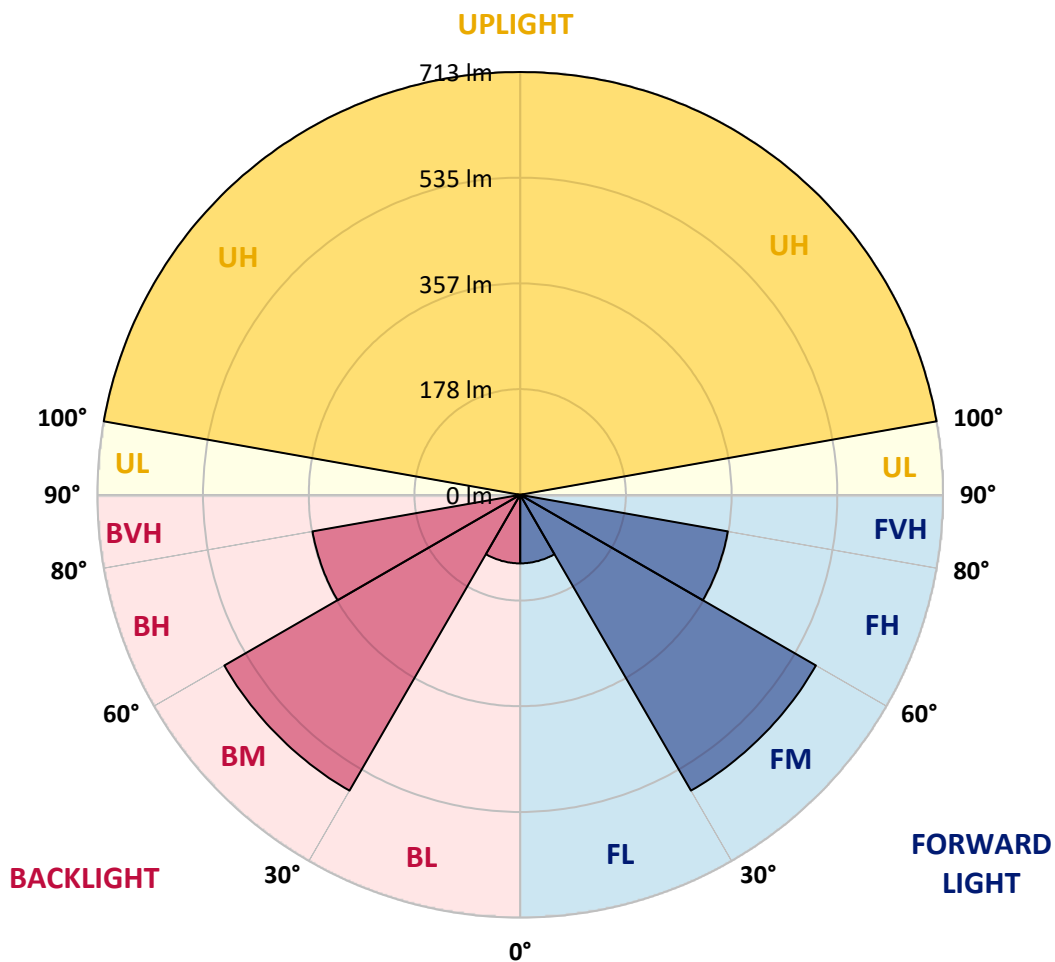
CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	115.6	3.3			
FM (30°-60°)	576.0	16.3			
FH (60°-80°)	355.6	10.1			G0/660
FVH (80°-90°)	6.3	0.2			G0/10
BL (0°-30°)	115.6	3.3	B1/500		
BM (30°-60°)	576.0	16.3	B1/1000		
BH (60°-80°)	355.6	10.1	B1/500		G1/500
BVH (80°-90°)	6.3	0.2			G0/10
UL (90°-100°)	4.7	0.1		U1/10	
UH (100°-180°)	713.1	20.2		U4/1000	

BUG Rating: B1-U5-G1

Type II Medium





REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9
2.5°	239.2	238.5	239.2	239.2	239.9	239.9	239.9	239.9	239.2	240.6	240.6
5°	239.2	239.2	239.9	239.9	241.3	242.7	240.6	241.3	242.0	241.3	242.7
7.5°	239.2	239.2	239.2	240.6	242.7	244.1	242.7	243.4	244.8	244.8	246.2
10°	237.1	236.4	237.8	240.6	244.1	246.2	245.5	248.3	247.6	248.3	249.7
12.5°	233.6	233.6	236.4	240.6	246.9	248.3	249.0	250.4	252.5	251.8	253.9
15°	234.3	235.0	237.8	243.4	251.1	252.5	253.2	253.2	256.7	255.3	259.4
17.5°	239.2	239.9	242.7	248.3	257.4	257.4	258.1	259.4	264.3	261.5	267.1
20°	246.9	247.6	250.4	256.7	265.0	264.3	265.7	267.1	273.4	270.6	276.2
22.5°	256.0	257.4	260.8	267.8	276.9	272.7	275.5	278.3	284.6	279.7	287.3
25°	268.5	270.6	274.1	281.8	291.5	286.6	289.4	291.5	298.5	291.5	299.2
27.5°	286.6	288.0	290.8	299.2	307.6	304.1	305.5	306.9	315.2	307.6	315.9
30°	308.3	310.4	313.2	320.8	329.2	323.6	326.4	327.8	334.8	327.1	334.1
32.5°	335.5	337.6	341.0	348.0	355.0	346.6	347.3	349.4	356.4	348.7	356.4
35°	367.6	368.9	373.8	382.2	387.1	373.8	374.5	374.5	383.6	373.1	381.5
37.5°	401.0	402.4	408.0	416.4	422.0	407.3	407.3	408.0	416.4	404.5	412.2
40°	435.9	440.1	446.4	454.7	458.9	442.2	443.6	442.9	452.6	438.7	446.4
42.5°	470.8	474.3	483.3	493.1	498.0	481.2	481.9	479.8	489.6	475.0	481.2
45°	500.8	503.6	514.7	528.7	536.3	518.9	518.9	518.9	528.7	510.5	518.2
47.5°	525.2	527.3	539.1	559.3	571.9	554.5	555.9	553.1	567.7	545.4	555.9
50°	542.6	543.3	558.6	581.7	603.3	587.2	589.3	590.7	604.7	585.2	594.2
52.5°	548.2	549.6	567.0	594.9	626.3	615.8	623.5	626.3	638.9	617.9	630.5
55°	528.7	532.1	558.6	599.8	642.3	638.9	647.9	653.5	669.5	652.1	665.4
57.5°	463.1	467.3	504.2	571.9	645.8	651.4	664.0	673.0	696.0	685.6	700.2
60°	369.6	373.1	410.8	492.4	601.9	636.1	664.7	690.5	714.2	716.3	735.1
62.5°	253.9	258.8	295.0	373.1	506.3	551.7	592.8	635.4	675.1	723.2	747.7
65°	124.1	126.9	157.6	232.9	371.7	429.6	477.7	537.7	574.7	643.7	683.5
67.5°	68.3	68.3	73.2	96.9	198.8	256.0	307.6	382.9	420.6	505.6	556.6
70°	57.2	57.2	55.8	59.3	75.3	89.3	115.8	159.0	211.3	297.1	343.1
71°	54.4	53.7	53.0	54.4	60.7	63.5	74.6	97.6	132.5	205.0	250.4
72.5°	50.9	49.5	47.4	48.1	51.6	51.6	53.7	57.2	70.4	96.2	129.0
75°	43.9	42.5	40.5	40.5	41.1	41.8	42.5	43.9	44.6	46.0	51.6
77.5°	36.3	34.9	32.8	32.8	32.1	32.8	34.2	34.9	33.5	36.3	37.0
80°	27.9	25.8	25.1	25.1	24.4	23.7	23.7	23.7	24.4	25.8	26.5
82.5°	17.4	16.0	16.7	16.0	15.3	15.3	15.3	15.3	16.0	16.0	17.4
85°	8.4	8.4	9.1	8.4	7.0	7.0	6.3	5.6	6.3	5.6	7.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	2.0	2.0	2.0	3.0	4.0	5.2	6.5	7.8	9.0	10.0	11.0
100°	8.0	8.0	10.0	14.0	22.0	24.0	26.0	28.0	30.0	30.5	31.0
102.5°	28.0	28.0	32.0	38.0	45.0	46.2	47.5	48.8	50.0	50.2	50.5
105°	54.0	54.0	56.0	61.0	66.0	67.0	68.0	69.0	70.0	70.2	70.5
107.5°	78.0	77.0	80.0	84.0	88.0	88.8	89.5	90.2	91.0	91.5	92.0



REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
110°	101.0	102.0	103.0	106.0	110.0	110.5	111.0	111.5	112.0	112.5	113.0
112.5°	124.0	124.0	126.0	129.0	132.0	132.5	133.0	133.5	134.0	134.5	135.0
115°	146.0	147.0	149.0	151.0	154.0	154.5	155.0	155.5	156.0	156.5	157.0
117.5°	169.0	170.0	172.0	174.0	177.0	177.5	178.0	178.5	179.0	179.2	179.5
120°	193.0	195.0	196.0	198.0	201.0	201.2	201.5	201.8	202.0	202.5	203.0
122.5°	219.0	220.0	221.0	223.0	226.0	226.2	226.5	226.8	227.0	227.2	227.5
125°	244.0	246.0	247.0	248.0	251.0	251.2	251.5	251.8	252.0	252.2	252.5
127.5°	267.0	269.0	270.0	272.0	274.0	274.5	275.0	275.5	276.0	276.5	277.0
130°	290.0	292.0	293.0	294.0	298.0	298.2	298.5	298.8	299.0	299.5	300.0
132.5°	313.0	314.0	317.0	318.0	321.0	321.2	321.5	321.8	322.0	322.8	323.5
135°	336.0	337.0	339.0	341.0	345.0	345.0	345.0	345.0	345.0	345.8	346.5
137.5°	359.0	360.0	363.0	364.0	367.0	367.0	367.0	367.0	367.0	367.5	368.0
140°	382.0	383.0	385.0	386.0	388.0	388.2	388.5	388.8	389.0	389.2	389.5
142.5°	404.0	406.0	408.0	407.0	410.0	410.0	410.0	410.0	410.0	410.5	411.0
145°	425.0	426.0	428.0	428.0	431.0	431.2	431.5	431.8	432.0	432.5	433.0
147.5°	444.0	444.0	447.0	448.0	452.0	452.2	452.5	452.8	453.0	453.2	453.5
150°	461.0	462.0	464.0	465.0	469.0	469.2	469.5	469.8	470.0	470.2	470.5
152.5°	479.0	480.0	483.0	482.0	485.0	485.2	485.5	485.8	486.0	486.2	486.5
155°	499.0	500.0	502.0	501.0	503.0	503.0	503.0	503.0	503.0	503.2	503.5
157.5°	513.0	515.0	517.0	516.0	519.0	519.0	519.0	519.0	519.0	519.0	519.0
160°	525.0	527.0	529.0	529.0	532.0	532.0	532.0	532.0	532.0	532.0	532.0
162.5°	535.0	536.0	539.0	538.0	541.0	541.0	541.0	541.0	541.0	541.2	541.5
165°	546.0	547.0	549.0	548.0	552.0	552.0	552.0	552.0	552.0	552.2	552.5
167.5°	555.0	556.0	559.0	558.0	561.0	560.8	560.5	560.2	560.0	560.0	560.0
170°	562.0	563.0	566.0	565.0	567.0	566.8	566.5	566.2	566.0	565.8	565.5
172.5°	565.0	566.0	569.0	567.0	569.0	568.8	568.5	568.2	568.0	568.2	568.5
175°	567.0	569.0	570.0	569.0	572.0	572.0	572.0	572.0	572.0	572.2	572.5
177.5°	572.0	573.0	575.0	574.0	578.0	577.8	577.5	577.2	577.0	577.0	577.0
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0



REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9
2.5°	238.5	239.9	239.2	239.9	238.5	239.9	237.8	239.9	239.2	239.9	238.5
5°	240.6	242.7	240.6	243.4	240.6	243.4	240.6	243.4	241.3	243.4	240.6
7.5°	242.7	246.9	244.1	247.6	244.1	248.3	244.1	248.3	245.5	249.0	244.1
10°	246.9	251.8	247.6	251.8	247.6	252.5	247.6	253.2	249.0	254.6	248.3
12.5°	250.4	256.0	251.8	257.4	251.1	258.8	252.5	260.8	253.9	262.2	253.9
15°	255.3	262.2	258.1	264.3	258.1	266.4	258.8	268.5	260.8	269.9	260.8
17.5°	262.2	269.9	264.3	272.0	265.0	274.1	265.7	276.2	268.5	277.6	268.5
20°	272.0	278.3	272.7	281.1	273.4	281.8	274.8	283.2	276.9	285.3	276.9
22.5°	283.2	288.7	284.6	289.4	282.5	289.4	282.5	289.4	284.6	291.5	284.6
25°	295.7	299.9	295.0	299.9	293.6	299.2	292.9	298.5	293.6	299.9	295.0
27.5°	312.5	314.5	309.0	313.2	305.5	311.1	304.1	309.7	304.8	310.4	306.9
30°	330.6	332.7	327.1	329.9	321.5	325.0	317.3	322.2	318.0	322.2	320.1
32.5°	350.8	353.6	347.3	348.7	341.7	342.4	336.2	338.3	334.8	336.2	335.5
35°	373.8	377.3	370.3	372.4	364.8	364.8	359.2	358.5	357.1	355.7	355.7
37.5°	403.1	404.5	398.9	398.9	389.9	389.9	382.9	382.9	380.1	377.3	375.9
40°	435.2	435.9	426.8	426.1	417.1	417.1	409.4	407.3	402.4	398.9	396.8
42.5°	469.4	468.7	455.4	456.8	443.6	444.3	434.5	432.4	427.5	423.3	419.2
45°	504.2	501.5	488.2	487.5	472.2	472.9	461.0	459.6	452.6	448.5	443.6
47.5°	539.8	538.4	523.8	520.3	504.2	503.6	488.2	488.2	481.2	477.0	472.2
50°	576.8	576.1	559.3	557.3	540.5	537.7	519.6	519.6	511.2	509.8	502.9
52.5°	617.2	614.4	596.3	595.6	579.6	577.5	558.0	556.6	544.0	543.3	535.6
55°	657.0	652.1	640.2	634.7	618.6	617.9	600.5	597.0	581.0	581.0	571.2
57.5°	693.3	689.1	679.3	674.4	659.1	657.0	638.2	638.2	624.2	623.5	613.0
60°	730.9	732.3	721.9	719.8	705.1	704.4	685.6	685.6	671.6	670.9	659.1
62.5°	763.0	776.9	772.8	774.2	761.6	759.5	740.7	739.3	723.2	721.2	711.4
65°	731.6	780.4	811.8	832.7	831.3	830.7	812.5	809.7	789.5	783.9	767.9
67.5°	614.4	677.9	735.1	797.9	843.9	878.8	889.2	885.1	867.6	851.6	832.0
70°	411.5	484.7	557.3	635.4	714.2	790.9	869.7	903.9	940.1	927.6	924.1
71°	313.2	388.5	461.0	543.3	627.0	712.1	809.0	849.5	922.7	922.0	940.8
72.5°	176.5	243.4	320.8	392.7	471.5	559.3	659.1	703.7	809.0	830.0	884.4
75°	56.5	77.4	102.5	161.8	210.6	290.8	364.8	409.4	479.1	514.0	590.0
77.5°	37.7	41.8	43.2	50.2	56.5	80.2	108.8	133.2	146.5	153.4	161.1
80°	27.2	29.3	30.7	34.2	34.9	39.1	39.1	43.2	42.5	45.3	43.2
82.5°	17.4	19.5	20.2	21.6	22.3	25.1	26.5	29.3	29.3	30.7	30.0
85°	8.4	9.8	9.8	11.2	11.2	13.3	13.3	15.3	15.3	17.4	16.7
87.5°	0.7	0.7	0.7	1.4	1.4	1.4	2.1	2.8	2.8	2.8	2.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	12.0	13.0	11.5	10.0	8.5	7.0	6.5	6.0	5.5	5.0	4.8
100°	31.5	32.0	31.5	31.0	30.5	30.0	29.2	28.5	27.8	27.0	26.8
102.5°	50.8	51.0	50.8	50.5	50.2	50.0	49.5	49.0	48.5	48.0	48.2
105°	70.8	71.0	71.0	71.0	71.0	71.0	70.5	70.0	69.5	69.0	69.5
107.5°	92.5	93.0	92.8	92.5	92.2	92.0	91.8	91.5	91.2	91.0	91.2



REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
110°	113.5	114.0	114.0	114.0	114.0	114.0	113.8	113.5	113.2	113.0	113.2
112.5°	135.5	136.0	136.0	136.0	136.0	136.0	135.8	135.5	135.2	135.0	135.5
115°	157.5	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.5
117.5°	179.8	180.0	180.2	180.5	180.8	181.0	180.8	180.5	180.2	180.0	180.5
120°	203.5	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.0	204.5
122.5°	227.8	228.0	228.0	228.0	228.0	228.0	228.2	228.5	228.8	229.0	230.0
125°	252.8	253.0	253.2	253.5	253.8	254.0	254.0	254.0	254.0	254.0	254.8
127.5°	277.5	278.0	277.8	277.5	277.2	277.0	277.2	277.5	277.8	278.0	278.8
130°	300.5	301.0	301.0	301.0	301.0	301.0	301.2	301.5	301.8	302.0	302.8
132.5°	324.2	325.0	325.0	325.0	325.0	325.0	325.2	325.5	325.8	326.0	326.8
135°	347.2	348.0	348.0	348.0	348.0	348.0	348.2	348.5	348.8	349.0	349.5
137.5°	368.5	369.0	369.0	369.0	369.0	369.0	369.2	369.5	369.8	370.0	371.0
140°	389.8	390.0	390.0	390.0	390.0	390.0	390.5	391.0	391.5	392.0	393.0
142.5°	411.5	412.0	412.0	412.0	412.0	412.0	412.2	412.5	412.8	413.0	413.8
145°	433.5	434.0	433.8	433.5	433.2	433.0	433.2	433.5	433.8	434.0	434.8
147.5°	453.8	454.0	453.5	453.0	452.5	452.0	452.2	452.5	452.8	453.0	453.8
150°	470.8	471.0	470.5	470.0	469.5	469.0	469.0	469.0	469.0	469.0	470.0
152.5°	486.8	487.0	486.8	486.5	486.2	486.0	486.0	486.0	486.0	486.0	486.8
155°	503.8	504.0	503.8	503.5	503.2	503.0	503.2	503.5	503.8	504.0	504.8
157.5°	519.0	519.0	518.5	518.0	517.5	517.0	517.2	517.5	517.8	518.0	519.2
160°	532.0	532.0	531.5	531.0	530.5	530.0	530.0	530.0	530.0	530.0	530.8
162.5°	541.8	542.0	541.5	541.0	540.5	540.0	539.5	539.0	538.5	538.0	538.5
165°	552.8	553.0	552.2	551.5	550.8	550.0	549.5	549.0	548.5	548.0	548.5
167.5°	560.0	560.0	559.5	559.0	558.5	558.0	558.2	558.5	558.8	559.0	560.0
170°	565.2	565.0	564.8	564.5	564.2	564.0	564.5	565.0	565.5	566.0	567.2
172.5°	568.8	569.0	568.5	568.0	567.5	567.0	567.2	567.5	567.8	568.0	568.8
175°	572.8	573.0	572.2	571.5	570.8	570.0	569.5	569.0	568.5	568.0	568.8
177.5°	577.0	577.0	576.2	575.5	574.8	574.0	574.0	574.0	574.0	574.0	574.8
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0



REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	239.9	239.9	239.9	239.9	239.9
2.5°	240.6	239.9	240.6	239.2	240.6
5°	244.1	241.3	244.8	241.3	244.8
7.5°	249.7	246.2	250.4	244.8	249.7
10°	254.6	249.7	255.3	249.7	254.6
12.5°	262.9	255.3	264.3	255.3	264.3
15°	271.3	262.2	273.4	263.6	272.7
17.5°	279.0	270.6	281.1	271.3	280.4
20°	286.0	278.3	287.3	277.6	287.3
22.5°	292.9	288.0	295.0	288.0	295.0
25°	302.0	298.5	303.4	298.5	303.4
27.5°	312.5	311.1	313.8	310.4	314.5
30°	324.3	325.0	325.7	325.0	326.4
32.5°	339.0	342.4	341.0	341.0	341.0
35°	359.2	365.5	361.3	362.7	362.0
37.5°	378.0	387.1	381.5	383.6	382.2
40°	398.9	405.2	403.8	403.8	402.4
42.5°	422.0	429.6	427.5	428.2	426.8
45°	447.1	454.0	451.2	450.5	451.2
47.5°	475.7	483.3	479.8	479.1	479.8
50°	505.6	514.7	511.9	510.5	511.9
52.5°	538.4	549.6	548.2	546.8	548.9
55°	576.8	587.2	585.8	587.2	587.9
57.5°	615.1	627.0	624.2	627.7	629.1
60°	663.3	670.2	670.9	671.6	672.3
62.5°	712.1	714.9	717.0	719.1	719.8
65°	768.6	769.3	770.7	768.6	770.7
67.5°	823.0	818.1	817.4	819.5	820.9
70°	907.4	907.4	900.4	910.2	901.8
71°	918.5	931.8	916.4	938.1	915.0
72.5°	864.1	888.5	871.1	890.6	867.6
75°	601.2	657.7	657.0	684.9	662.6
77.5°	166.7	156.2	166.7	143.7	137.4
80°	45.3	41.1	44.6	37.7	42.5
82.5°	30.0	25.8	25.1	20.2	21.6
85°	17.4	13.3	13.3	10.5	11.2
87.5°	2.8	0.7	2.8	1.4	2.1
90°	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0
97.5°	4.5	4.2	4.0	4.0	4.0
100°	26.5	26.2	26.0	25.5	25.0
102.5°	48.5	48.8	49.0	48.5	48.0
105°	70.0	70.5	71.0	70.0	69.0
107.5°	91.5	91.8	92.0	91.5	91.0



REPORT NUMBER: P228719

CATALOG NUMBER: ISS-AF-350-LED-E1-RW-7030-ULG

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
110°	113.5	113.8	114.0	113.5	113.0
112.5°	136.0	136.5	137.0	136.0	135.0
115°	159.0	159.5	160.0	159.5	159.0
117.5°	181.0	181.5	182.0	181.0	180.0
120°	205.0	205.5	206.0	205.0	204.0
122.5°	231.0	232.0	233.0	232.5	232.0
125°	255.5	256.2	257.0	256.5	256.0
127.5°	279.5	280.2	281.0	279.5	278.0
130°	303.5	304.2	305.0	304.0	303.0
132.5°	327.5	328.2	329.0	328.0	327.0
135°	350.0	350.5	351.0	350.5	350.0
137.5°	372.0	373.0	374.0	373.0	372.0
140°	394.0	395.0	396.0	395.0	394.0
142.5°	414.5	415.2	416.0	415.5	415.0
145°	435.5	436.2	437.0	436.0	435.0
147.5°	454.5	455.2	456.0	454.5	453.0
150°	471.0	472.0	473.0	471.5	470.0
152.5°	487.5	488.2	489.0	487.5	486.0
155°	505.5	506.2	507.0	506.0	505.0
157.5°	520.5	521.8	523.0	521.5	520.0
160°	531.5	532.2	533.0	532.0	531.0
162.5°	539.0	539.5	540.0	538.5	537.0
165°	549.0	549.5	550.0	549.0	548.0
167.5°	561.0	562.0	563.0	562.0	561.0
170°	568.5	569.8	571.0	570.0	569.0
172.5°	569.5	570.2	571.0	569.5	568.0
175°	569.5	570.2	571.0	569.5	568.0
177.5°	575.5	576.2	577.0	575.5	574.0
180°	576.0	576.0	576.0	576.0	576.0

(END OF REPORT)