

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: P227433

Luminaire Tested: **ISW-AF-XXX-LED-E1-RW-7050-XXB**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227433
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29767)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISW-AF-XXX-LED-E1-RW-7050-XXB
Description: IMPACT ELITE LED WEDGE LUMINAIRE, EMERGENCY MODE WITH BATTERY
BACKPACK BOX
LIGHT SQUARE WITH ACCUELED OPTICS-RECTANGULAR WIDE TYPE I
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 655.6 lumens
Efficiency: N/A
Efficacy: 50.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Medium - Cutoff
BUG Rating: B0 - U1 - G0

Input Watts (W): 13
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

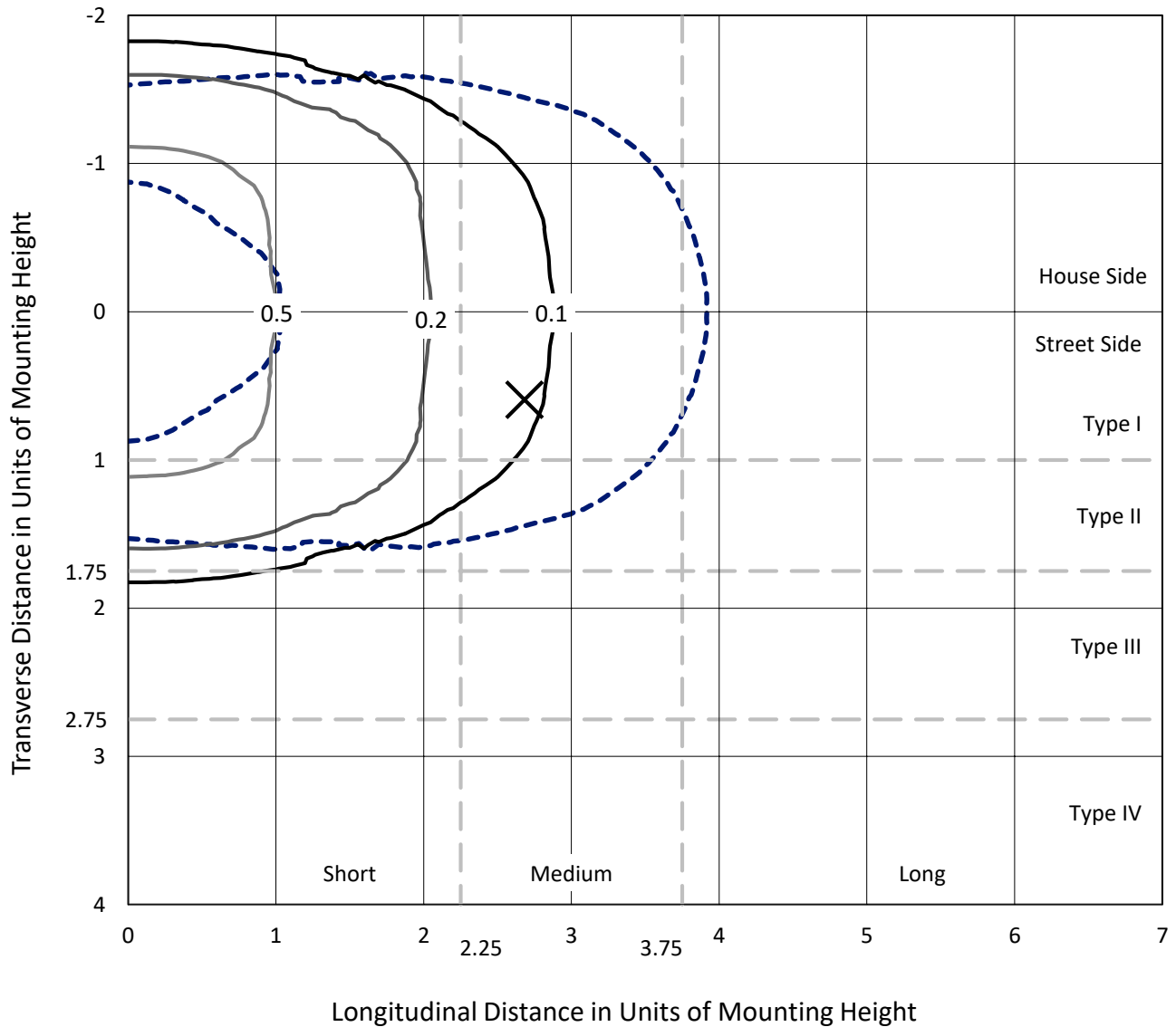


REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

Iso-Footcandle Lines of Horizontal Illumination

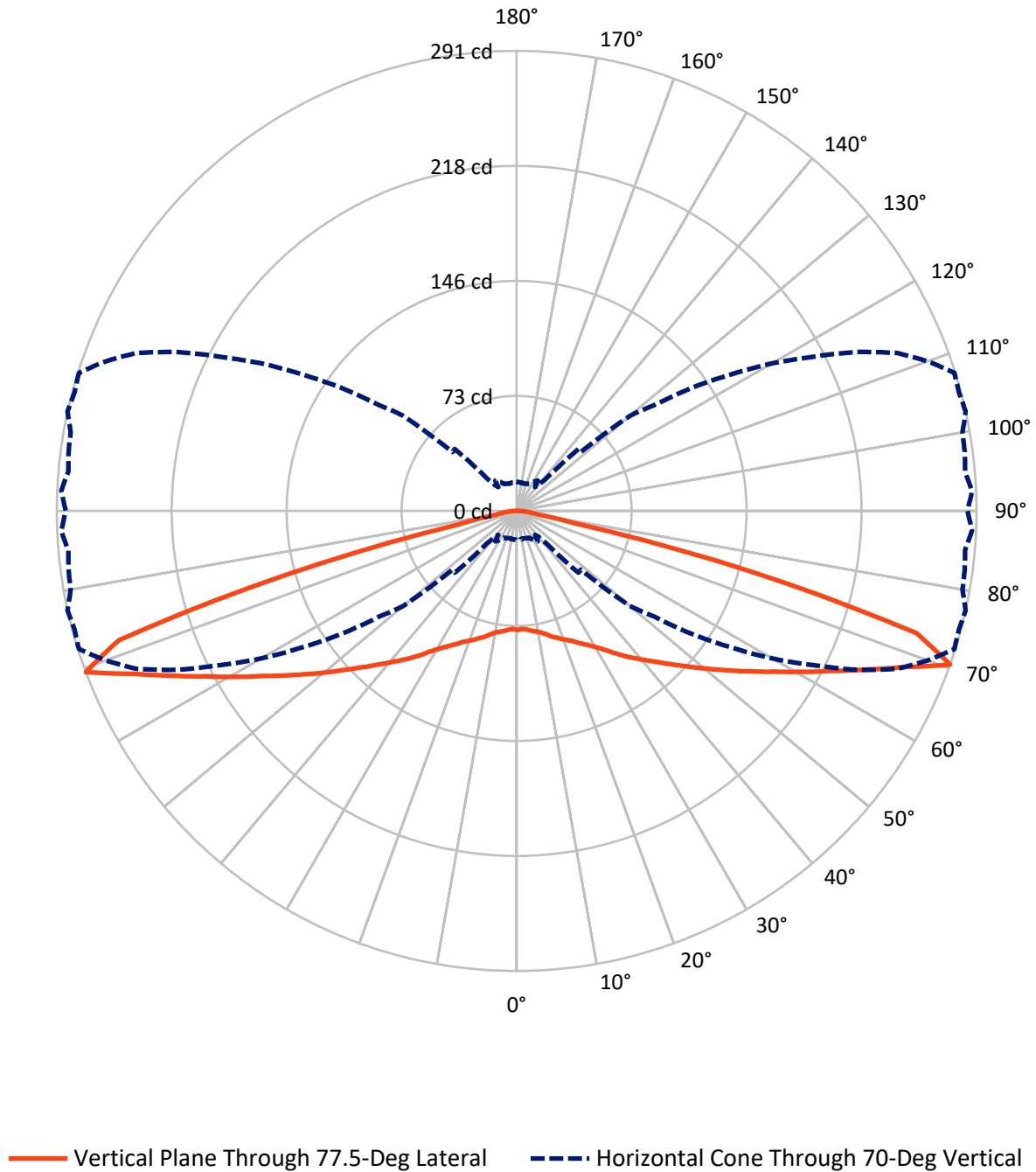
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 0.8 fc
 Type II - Medium - Cutoff

REPORT NUMBER: P227433
CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

Luminous Intensity Polar Plot



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	327.8	0.1	327.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	327.8	0.1	327.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	655.5	0.1	655.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	1.1
10°-20°	22.8	3.5
20°-30°	42.7	6.5
30°-40°	74.7	11.4
40°-50°	121.7	18.6
50°-60°	166.6	25.4
60°-70°	153.2	23.4
70°-80°	59.9	9.1
80°-90°	6.7	1.0
90°-100°	0.1	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°	655.5	100.0
0°-180°	655.6	100.0



REPORT NUMBER: P227433

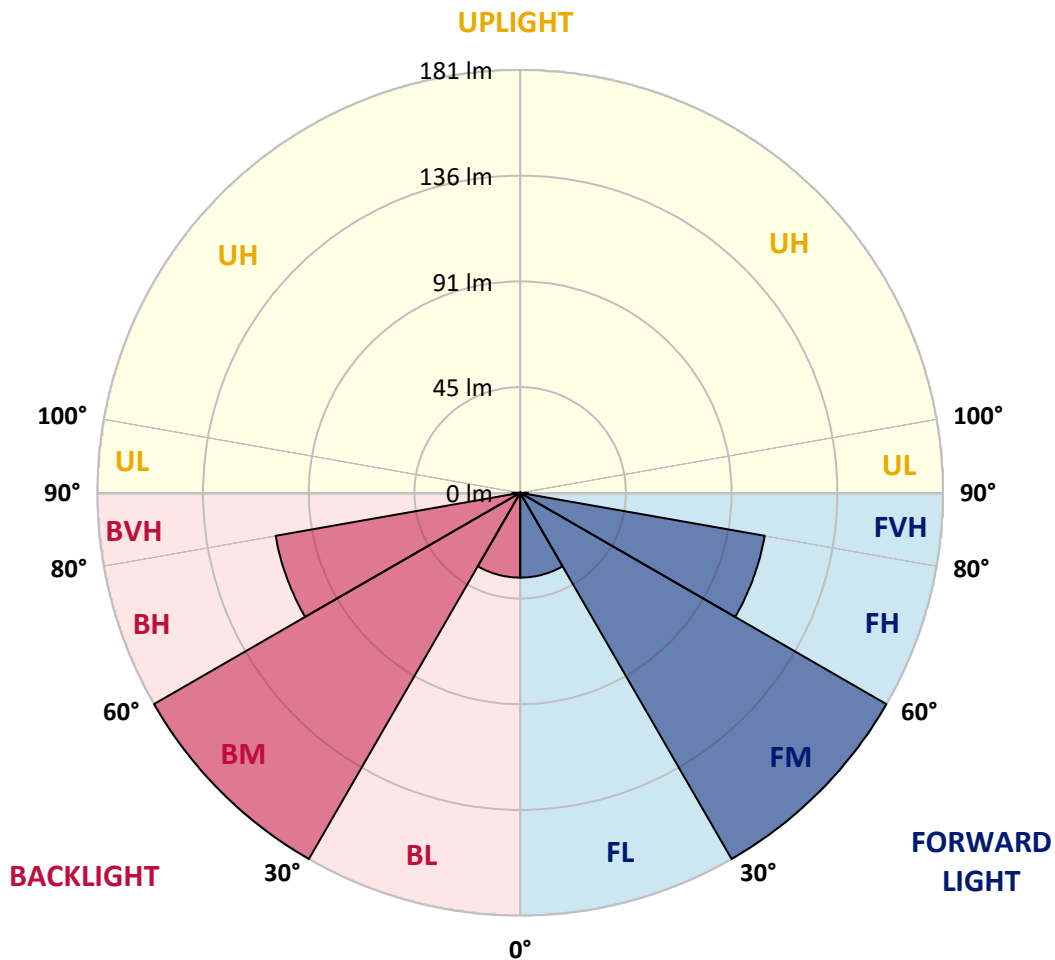
CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	36.4	5.5			
FM	(30°-60°)	181.5	27.7			
FH	(60°-80°)	106.6	16.3			G0/660
FVH	(80°-90°)	3.3	0.5			G0/10
BL	(0°-30°)	36.4	5.5	B0/110		
BM	(30°-60°)	181.5	27.7	B0/220		
BH	(60°-80°)	106.6	16.3	B0/110		G0/110
BVH	(80°-90°)	3.3	0.5			G0/10
UL	(90°-100°)	0.1	0.0		U1/10	
UH	(100°-180°)	0.1	0.0		U1/10	

BUG Rating: B0-U1-G0

Type II Medium





REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2.5°	75.0	74.9	74.9	75.0	75.2	75.3	75.1	75.2	75.2	75.1	75.4
5°	75.2	75.1	75.2	75.4	75.7	76.0	75.9	75.9	76.0	75.8	76.3
7.5°	75.0	74.9	75.1	75.6	76.3	76.7	76.7	76.7	76.9	76.8	77.3
10°	74.2	74.1	74.5	75.4	76.7	77.0	77.2	77.3	77.9	77.9	78.5
12.5°	73.4	73.5	74.2	75.5	77.5	77.6	78.0	78.4	79.2	78.8	79.8
15°	73.7	73.9	74.7	76.4	79.1	79.0	79.3	79.7	80.9	80.0	81.8
17.5°	75.1	75.4	76.4	78.3	81.1	80.6	81.0	81.6	83.2	82.2	84.2
20°	77.4	77.8	78.9	81.0	83.6	83.1	83.5	84.2	86.1	85.1	87.1
22.5°	80.5	80.9	82.1	84.5	87.3	86.7	87.1	87.7	89.8	88.1	90.7
25°	84.7	85.1	86.3	88.8	92.0	91.3	91.5	91.9	94.1	92.2	94.6
27.5°	90.5	90.8	91.9	94.3	97.4	96.8	97.0	97.4	99.7	97.8	99.9
30°	97.8	98.2	99.1	101.5	104.2	103.5	103.8	104.1	106.2	104.2	106.0
32.5°	106.5	106.4	107.8	110.3	112.6	111.4	111.4	111.4	113.4	111.5	112.8
35°	116.7	116.7	118.1	120.5	122.7	121.2	120.5	120.2	122.4	120.0	120.9
37.5°	127.9	127.4	129.6	131.8	133.9	132.0	131.4	131.0	132.6	129.9	130.4
40°	139.7	139.4	141.8	144.3	145.6	143.2	142.7	142.1	143.9	141.3	141.2
42.5°	150.5	150.2	153.3	156.2	157.9	154.8	154.1	153.5	155.5	152.9	152.3
45°	159.7	159.6	163.2	167.1	170.0	166.7	166.3	165.3	167.2	164.0	163.7
47.5°	166.8	166.4	170.8	176.6	181.2	177.8	177.7	177.1	179.1	175.6	175.2
50°	171.7	171.9	176.7	183.4	190.9	187.8	188.1	187.8	190.8	187.3	187.8
52.5°	172.5	173.1	179.2	188.1	198.6	194.7	196.9	197.8	201.6	198.6	199.5
55°	162.2	163.8	173.1	188.5	203.3	200.9	203.7	206.2	211.5	209.0	210.7
57.5°	139.2	142.5	153.2	175.6	202.7	204.1	209.7	213.6	220.1	217.8	221.9
60°	107.5	109.8	121.7	147.8	184.2	186.0	196.3	208.6	223.4	226.5	232.9
62.5°	70.4	71.7	83.3	109.8	152.3	152.9	165.7	181.6	207.3	214.1	231.9
65°	34.9	36.7	42.9	63.3	106.7	105.9	120.0	138.6	171.9	179.4	208.4
67.5°	21.8	22.1	23.3	29.3	53.4	47.4	59.0	78.5	118.9	125.6	162.4
70°	18.3	18.2	17.9	18.8	23.5	19.1	21.1	27.6	55.4	55.1	93.6
72.5°	16.9	16.6	15.8	15.7	16.4	15.0	15.2	15.6	22.2	18.6	36.1
75°	15.5	14.9	14.0	13.7	13.7	12.6	12.6	12.7	14.4	13.5	16.4
77.5°	13.9	13.2	12.2	11.9	11.5	10.3	10.2	10.3	11.6	10.8	12.2
80°	12.0	11.3	10.6	10.0	9.5	8.4	8.1	8.1	9.2	8.4	9.5
82.5°	10.4	9.5	9.4	8.4	7.5	6.6	6.3	5.8	6.8	5.9	7.1
85°	7.7	7.0	8.9	7.4	6.0	5.3	4.2	3.6	4.2	3.5	4.5
87.5°	4.4	4.1	7.8	5.9	5.3	5.7	3.5	2.5	2.4	2.1	2.5
90°	0.9	1.0	1.3	0.9	1.2	0.6	0.3	0.3	0.6	0.4	0.7
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2.5°	75.1	75.4	75.0	75.4	74.7	75.3	74.8	75.4	74.9	75.4	74.8
5°	75.6	76.4	75.5	76.6	75.3	76.6	75.5	76.7	75.7	76.7	75.6
7.5°	76.4	77.7	76.6	77.9	76.4	78.1	76.7	78.3	76.9	78.4	76.8
10°	77.3	79.1	77.5	79.3	77.4	79.5	77.6	79.8	77.8	79.9	77.9
12.5°	78.2	80.4	78.7	81.0	79.0	81.4	79.3	82.0	79.7	82.5	79.8
15°	79.8	82.7	80.5	83.3	81.0	83.8	81.5	84.6	82.0	85.2	82.5
17.5°	82.0	85.2	82.8	85.6	83.1	86.2	83.7	86.8	84.2	87.5	84.5
20°	84.9	88.0	85.6	88.3	85.9	88.7	86.2	89.0	86.8	89.6	87.0
22.5°	88.1	91.1	88.5	91.2	88.5	91.1	88.7	91.2	89.0	91.6	89.3
25°	92.1	94.9	92.3	94.6	91.9	94.2	91.9	94.2	92.2	94.4	92.7
27.5°	97.6	99.7	97.0	99.0	96.1	98.2	95.8	97.8	95.9	97.8	96.1
30°	103.8	105.7	102.6	104.2	101.1	102.6	100.0	101.7	99.7	101.5	100.2
32.5°	110.5	112.1	109.0	110.3	107.0	108.4	105.6	106.8	105.0	106.2	105.3
35°	118.0	119.6	116.4	117.7	114.4	115.5	112.7	113.3	111.6	112.3	111.6
37.5°	127.0	128.4	124.7	125.8	122.3	123.7	120.4	120.9	118.8	119.3	117.7
40°	136.7	138.1	133.8	134.9	130.5	132.1	128.4	128.7	125.8	126.3	123.9
42.5°	147.1	148.4	143.0	144.0	138.8	140.5	136.1	136.8	133.4	133.9	130.8
45°	158.5	159.3	153.3	154.0	147.7	149.5	143.9	145.3	141.2	142.1	138.6
47.5°	169.2	170.8	164.2	164.8	158.1	159.1	152.7	154.6	150.2	151.6	147.3
50°	181.5	182.7	176.4	176.5	169.9	170.3	163.1	165.0	160.2	161.7	157.1
52.5°	194.0	194.8	188.1	188.7	182.3	182.9	175.7	176.5	170.9	172.2	167.7
55°	206.2	206.4	200.8	200.6	194.5	195.8	187.8	189.5	182.8	184.3	179.2
57.5°	218.3	219.0	213.8	214.0	207.9	208.8	201.6	202.8	196.5	198.3	191.9
60°	231.2	233.3	228.2	228.8	223.1	224.8	216.0	217.7	210.8	213.6	206.8
62.5°	239.4	247.3	246.3	247.4	241.9	242.7	233.7	236.3	228.1	230.1	223.1
65°	223.7	243.1	253.0	263.8	264.0	266.8	258.1	259.0	250.8	250.3	242.1
67.5°	182.4	206.3	222.9	245.0	260.6	275.5	280.9	282.3	277.8	273.1	263.8
70°	110.0	136.2	160.6	186.7	211.2	238.1	261.0	276.8	290.6	289.9	291.2
72.5°	43.5	65.2	81.5	106.0	130.3	160.1	185.4	207.6	231.4	245.9	264.8
75°	17.2	22.7	26.5	40.2	51.8	74.0	96.2	108.3	126.9	139.6	152.8
77.5°	12.3	13.5	13.7	15.9	16.8	23.2	27.2	31.3	35.3	37.8	37.3
80°	9.5	10.3	10.3	11.3	11.2	12.4	12.2	13.3	13.2	14.2	13.5
82.5°	7.1	7.6	7.6	8.4	8.4	9.2	9.0	9.7	9.5	10.1	9.5
85°	4.6	5.1	5.1	5.5	5.3	6.1	6.0	6.6	6.3	6.6	6.1
87.5°	2.6	2.9	3.0	3.3	3.0	3.6	3.5	3.8	3.5	3.8	3.6
90°	0.4	0.6	0.4	0.6	0.3	0.9	0.5	1.0	0.3	1.2	0.5
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	75.3	75.3	75.3	75.3	75.3
2.5°	75.3	75.1	75.5	74.9	75.4
5°	76.7	75.8	76.9	75.8	76.8
7.5°	78.5	77.1	78.6	77.1	78.6
10°	80.2	77.8	80.3	78.0	80.4
12.5°	82.8	79.9	83.2	80.0	83.2
15°	85.7	82.5	86.1	82.5	86.3
17.5°	88.0	84.9	88.4	84.9	88.5
20°	90.0	87.5	90.5	87.5	90.7
22.5°	92.2	90.4	92.8	90.4	93.4
25°	95.1	93.8	95.8	94.0	96.1
27.5°	98.5	97.6	99.1	97.9	99.5
30°	102.4	102.1	102.9	102.3	103.3
32.5°	106.9	107.5	107.5	107.5	107.9
35°	113.3	113.9	113.9	114.1	114.2
37.5°	119.5	120.4	120.4	120.6	120.6
40°	125.9	127.2	127.2	127.2	127.4
42.5°	133.1	134.4	134.6	134.0	134.4
45°	141.1	141.6	142.1	141.8	142.4
47.5°	149.7	150.2	150.5	150.2	151.2
50°	159.8	159.7	160.8	159.7	161.2
52.5°	170.4	171.3	171.9	170.9	171.9
55°	182.4	182.1	184.3	182.8	184.3
57.5°	195.5	195.5	197.7	196.3	198.0
60°	211.0	209.7	212.8	210.6	212.8
62.5°	226.7	224.5	228.0	226.0	228.9
65°	244.9	241.7	244.9	242.4	245.0
67.5°	263.2	259.5	260.6	259.3	260.8
70°	286.7	286.2	285.0	288.6	285.5
72.5°	261.8	267.4	262.9	271.7	265.7
75°	160.9	171.2	176.9	185.8	184.4
77.5°	38.1	33.8	37.3	33.5	37.7
80°	14.1	12.8	13.4	11.7	13.0
82.5°	9.6	8.4	8.1	6.5	6.9
85°	6.2	5.0	4.6	3.9	4.2
87.5°	3.7	2.8	2.6	2.2	2.3
90°	1.1	0.4	0.8	0.2	0.7
92.5°	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227433

CATALOG NUMBER: ISW-AF-XXX-LED-E1-RW-7050-XXB

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
112.5°	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)