

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: P227308

Luminaire Tested: **ISW-AF-800-LED-E1-SLR-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227308
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISW-AF-800-LED-E1-SLR-7050
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4417.5 lumens
Efficiency: N/A
Efficacy: 101.6 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 - U1 - G2

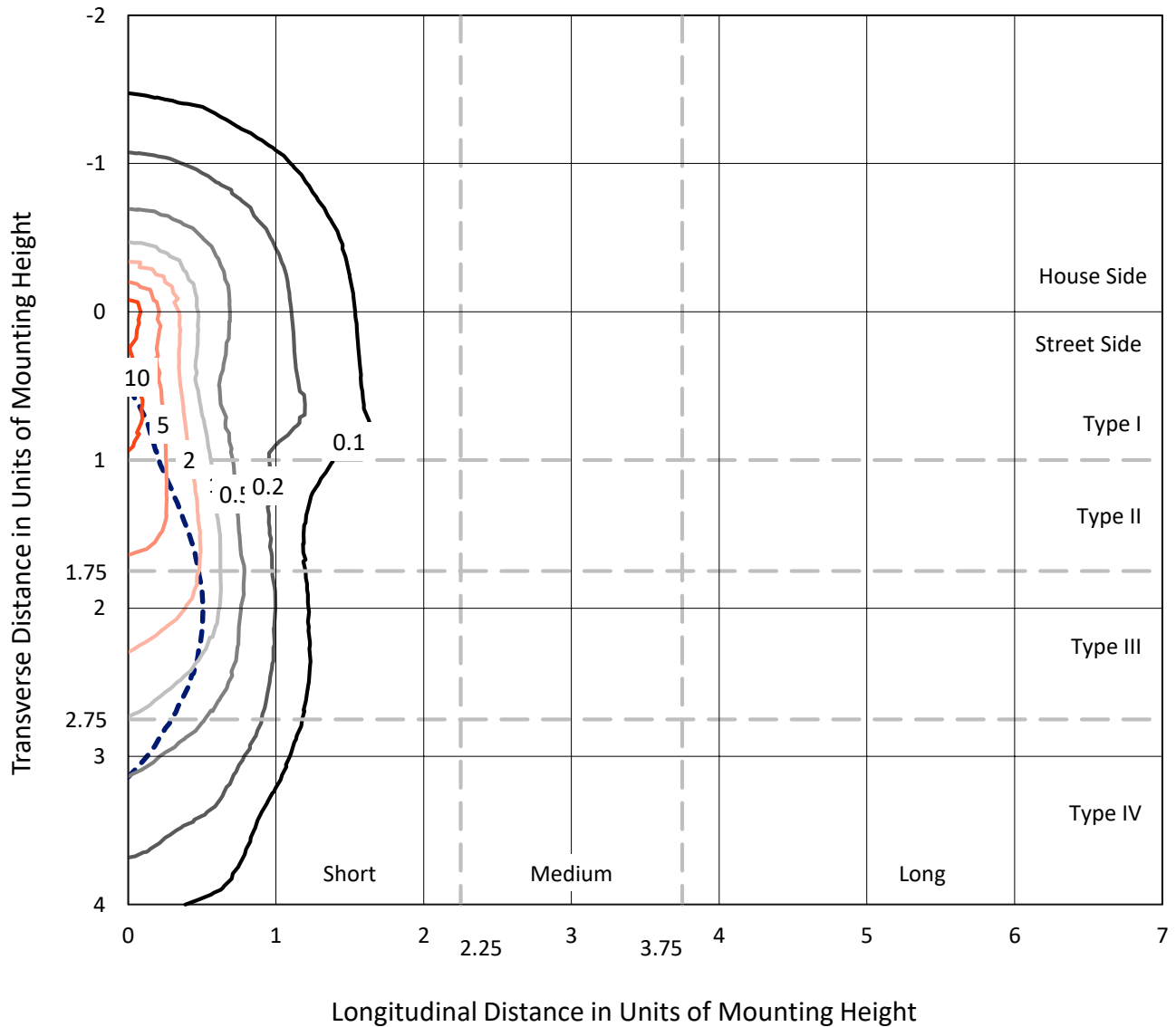
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

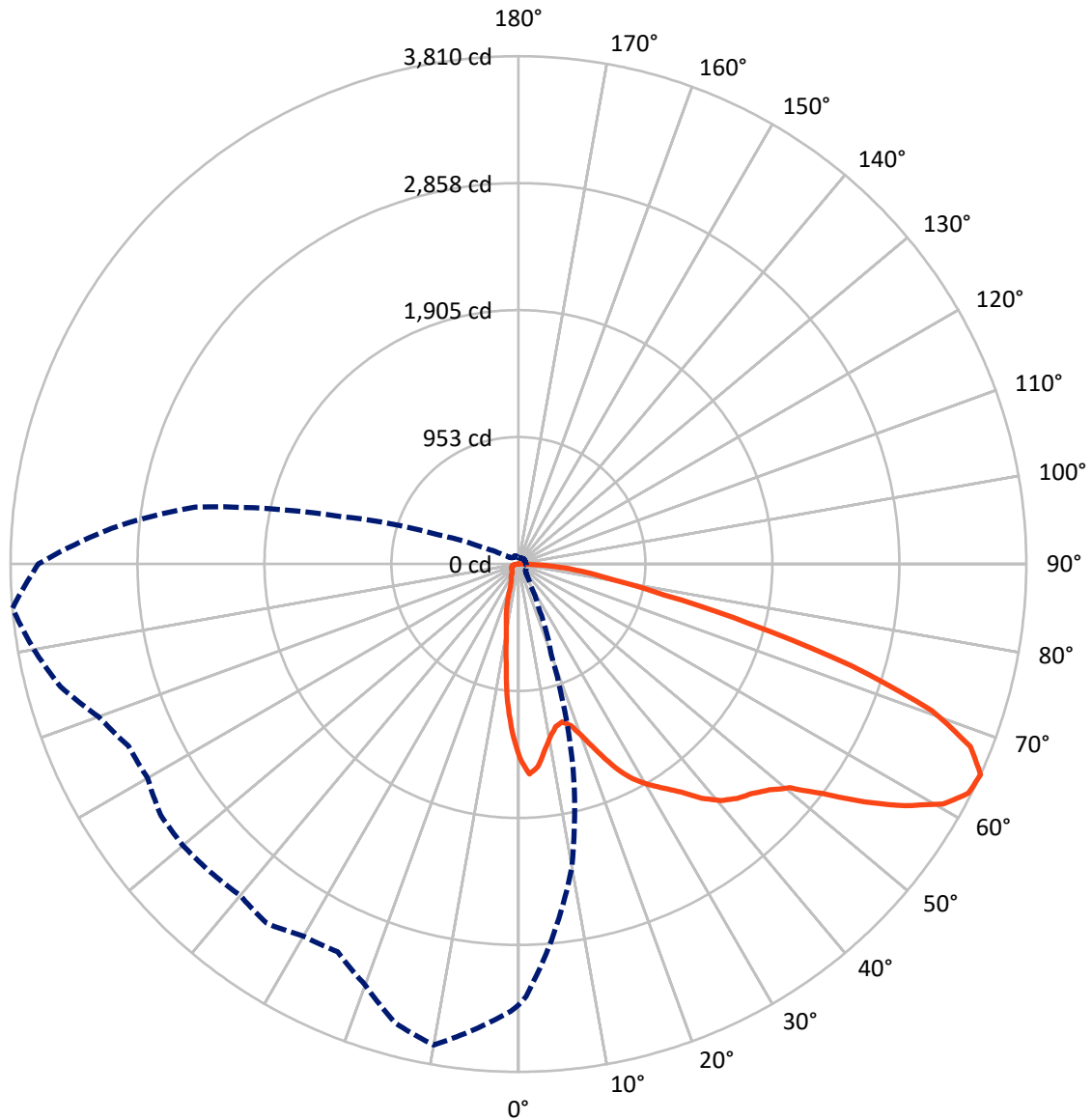
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 275-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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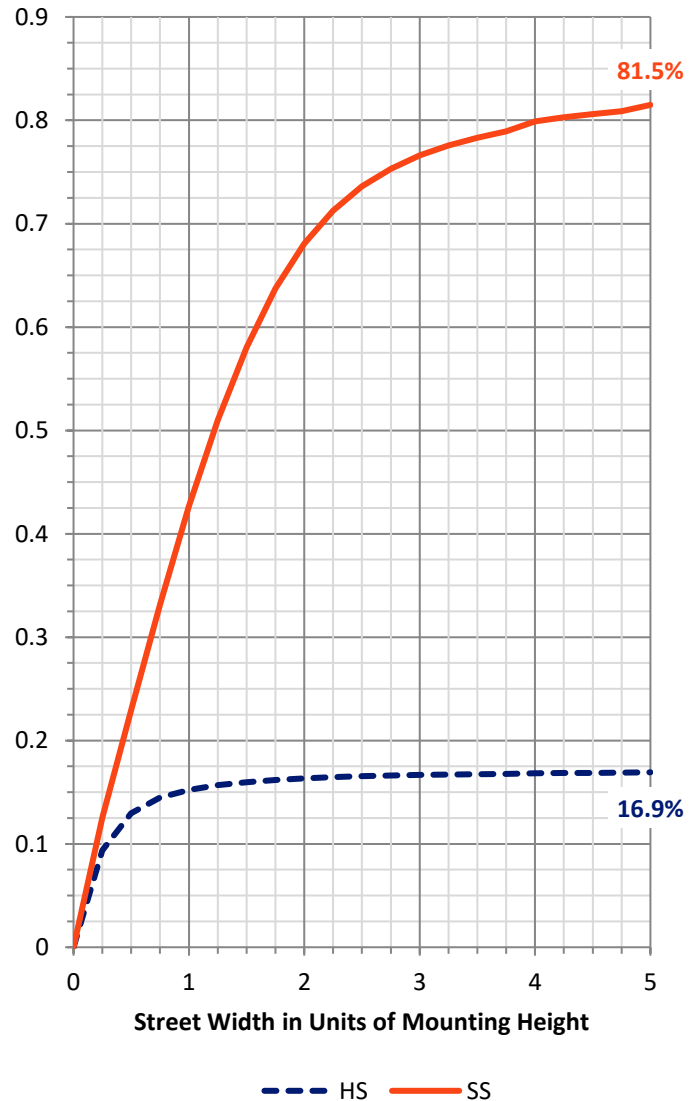
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	757.7	0.0	757.8
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	3659.6	0.2	3659.7
	% Fixture	82.8	0.0	82.8
Total	Lumens	4417.3	0.2	4417.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.1	2.4
10°-20°	208.0	4.7
20°-30°	296.6	6.7
30°-40°	430.3	9.7
40°-50°	615.6	13.9
50°-60°	945.2	21.4
60°-70°	1094.1	24.8
70°-80°	558.1	12.6
80°-90°	161.1	3.6
90°-100°	0.2	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°	4417.3	100.0
0°-180°	4417.5	100.0



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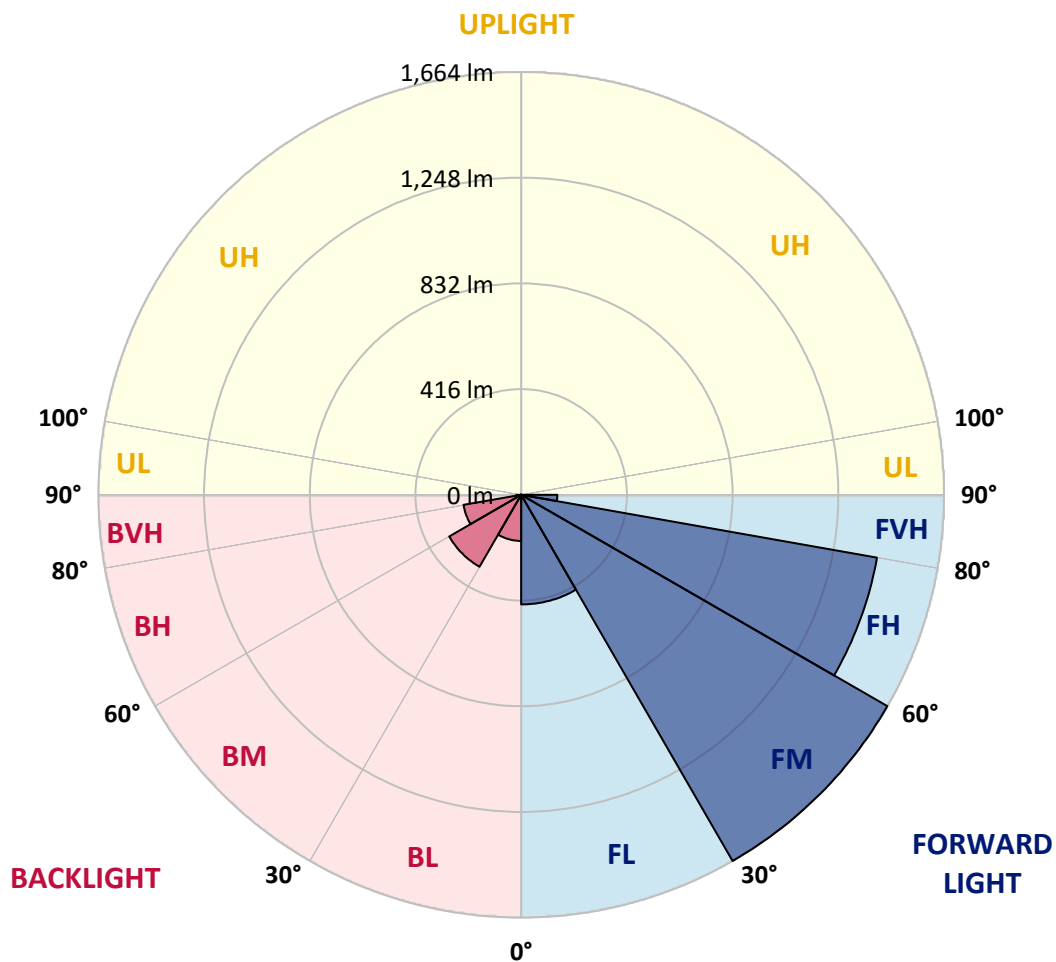
CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	431.4	9.8			
FM	(30°-60°)	1664.0	37.7			
FH	(60°-80°)	1421.8	32.2			G1/1800
FVH	(80°-90°)	142.4	3.2			G2/225
BL	(0°-30°)	181.4	4.1	B1/500		
BM	(30°-60°)	327.2	7.4	B1/1000		
BH	(60°-80°)	230.5	5.2	B1/500		G1/500
BVH	(80°-90°)	18.7	0.4			G1/100
UL	(90°-100°)	0.2	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

BUG Rating: B1-U1-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4
2.5°	1510.7	1501.7	1490.6	1471.3	1454.2	1429.6	1423.7	1393.2	1373.9	1378.3	1343.4
5°	1418.5	1413.3	1385.8	1342.6	1314.4	1258.6	1226.7	1210.3	1164.2	1158.3	1145.6
7.5°	1289.1	1273.5	1228.9	1175.4	1127.0	1086.2	1034.9	995.5	960.5	939.0	901.0
10°	1178.3	1162.0	1113.7	1048.2	990.3	933.0	891.4	840.1	790.3	751.6	721.1
12.5°	1124.8	1107.0	1050.5	974.6	910.0	838.6	779.9	729.3	701.8	682.5	657.2
15°	1145.6	1119.6	1052.0	961.3	881.0	805.1	742.7	688.4	655.7	626.0	596.2
17.5°	1229.6	1197.7	1120.4	1011.1	899.6	801.4	712.2	650.5	598.5	553.9	513.7
20°	1373.9	1350.1	1237.8	1084.7	939.7	803.7	686.2	605.2	542.0	485.5	431.9
22.5°	1542.6	1506.9	1396.9	1184.3	991.0	817.0	669.8	567.2	492.2	416.3	358.3
25°	1719.6	1692.1	1546.3	1318.1	1069.8	844.5	657.2	533.8	433.4	349.4	285.5
27.5°	1862.3	1837.8	1693.5	1446.7	1141.9	868.3	638.6	501.8	386.6	285.5	214.9
30°	1979.0	1958.2	1807.3	1552.3	1229.6	876.5	612.6	464.6	334.5	230.5	177.7
32.5°	2109.9	2086.8	1916.6	1625.9	1269.0	869.1	582.9	429.7	292.9	203.7	152.4
35°	2253.4	2226.6	2038.5	1705.4	1301.8	843.1	557.6	404.4	272.8	185.1	135.3
37.5°	2381.2	2364.1	2148.5	1784.2	1338.9	799.9	533.0	376.9	259.5	171.7	121.9
40°	2480.8	2476.4	2270.5	1849.7	1367.9	768.7	513.0	355.4	242.4	166.5	117.5
42.5°	2561.1	2559.7	2370.1	1908.4	1375.4	741.2	497.4	336.0	226.7	153.9	119.7
45°	2638.5	2637.7	2466.7	1990.2	1380.6	742.7	485.5	324.1	213.4	145.7	113.0
47.5°	2712.1	2723.2	2567.8	2103.9	1435.6	768.0	481.0	313.0	203.0	136.8	107.1
50°	2835.5	2824.3	2727.7	2257.8	1524.0	817.0	473.6	303.3	193.3	128.6	101.1
52.5°	3069.6	3057.0	2970.8	2463.7	1620.7	867.6	463.9	289.9	182.1	119.7	94.4
55°	3355.9	3373.0	3253.3	2714.3	1752.3	910.0	453.5	272.1	167.3	109.3	90.0
57.5°	3523.9	3509.8	3373.0	2858.5	1833.3	931.5	446.8	251.3	144.2	100.4	85.5
59°	3563.3	3539.5	3352.9	2883.0	1854.9	921.1	443.1	231.2	132.3	95.9	83.3
60°	3559.6	3530.6	3320.9	2867.4	1860.8	908.5	437.1	219.3	125.6	93.7	82.5
62.5°	3483.0	3437.6	3139.5	2678.6	1777.6	845.3	412.6	191.1	116.7	90.7	78.1
65°	3309.0	3245.1	2834.7	2309.9	1586.5	719.6	356.8	180.7	118.9	89.2	75.1
67.5°	3008.7	2957.4	2442.9	1911.4	1264.6	581.4	308.5	176.2	121.9	90.7	70.6
70°	2447.4	2403.5	1906.2	1431.1	947.1	462.4	280.3	174.0	119.7	87.0	66.9
72.5°	1726.3	1650.4	1266.8	1002.2	600.7	371.7	243.1	164.3	116.7	84.0	61.0
75°	1050.5	1064.6	805.1	730.1	379.2	255.0	191.1	138.3	103.3	75.1	55.0
77.5°	692.9	692.1	594.0	515.2	192.5	158.4	135.3	106.3	81.0	61.7	47.6
80°	469.9	475.1	431.2	351.6	107.1	95.2	88.5	77.3	59.5	46.8	39.4
82.5°	289.2	289.9	333.8	263.2	71.4	60.2	56.5	52.0	42.4	36.4	30.5
85°	100.4	102.6	116.7	185.9	48.3	39.4	39.4	36.4	32.0	24.5	20.1
87.5°	43.1	42.4	50.6	50.6	23.8	20.1	18.6	18.6	17.8	13.4	11.2
90°	3.0	2.2	2.2	3.0	3.7	5.2	4.5	5.2	5.2	4.5	3.0
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°	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



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CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4
2.5°	1333.0	1324.8	1301.8	1295.8	1303.2	1288.4	1284.7	1280.9	1253.4	1267.6	1251.2
5°	1114.4	1112.2	1065.3	1075.0	1065.3	1049.0	1042.3	1057.9	1030.4	1036.3	1040.1
7.5°	856.4	847.5	816.3	795.5	782.8	771.7	757.6	734.5	752.4	748.6	776.9
10°	695.1	675.8	656.5	627.5	611.1	595.5	579.1	570.2	549.4	547.2	537.5
12.5°	637.1	609.6	585.1	559.8	542.7	511.5	485.5	469.1	455.7	434.9	419.3
15°	559.8	536.8	504.8	480.3	453.5	425.2	400.0	379.2	369.5	350.2	341.2
17.5°	481.7	446.8	408.1	383.6	346.4	317.4	296.6	283.2	269.1	257.2	246.8
20°	388.1	342.7	301.1	269.9	240.9	212.6	203.0	186.6	180.7	176.2	179.9
22.5°	295.1	248.3	205.2	181.4	165.8	158.4	150.2	147.2	145.0	144.2	145.7
25°	216.3	176.9	156.1	147.2	141.3	136.8	133.8	131.6	130.1	129.4	130.1
27.5°	167.3	146.5	136.0	130.1	125.6	122.7	121.2	118.9	118.2	117.5	118.2
30°	145.0	133.8	126.4	120.4	115.2	110.0	107.8	107.1	107.8	108.5	107.8
32.5°	126.4	118.2	110.0	104.8	101.1	98.1	98.1	96.6	96.6	98.9	99.6
35°	114.5	106.3	100.4	93.7	89.2	86.2	84.0	82.5	83.3	83.3	85.5
37.5°	104.8	98.9	93.7	87.7	83.3	80.3	78.8	77.3	76.6	75.8	75.8
40°	98.1	94.4	90.0	84.0	79.5	76.6	75.1	73.6	72.9	72.1	72.1
42.5°	98.1	90.7	87.7	82.5	77.3	74.3	72.1	70.6	69.1	69.1	69.1
45°	107.8	92.9	87.7	81.8	76.6	72.9	70.6	68.4	66.9	66.9	66.2
47.5°	104.8	104.1	89.2	81.8	77.3	72.9	69.9	67.7	66.2	65.4	64.7
50°	99.6	108.5	99.6	84.0	77.3	72.1	69.1	66.9	64.7	63.9	63.9
52.5°	96.6	101.1	103.3	87.0	78.1	72.1	68.4	66.2	64.7	63.2	62.4
55°	89.2	95.2	98.9	85.5	78.1	70.6	66.9	64.7	62.4	61.7	61.0
57.5°	81.8	86.2	95.2	85.5	75.8	69.9	65.4	62.4	61.0	60.2	59.5
59°	79.5	79.5	84.8	87.7	74.3	69.1	64.7	61.7	60.2	59.5	58.0
60°	77.3	77.3	80.3	90.0	73.6	68.4	63.9	61.0	58.7	58.7	58.0
62.5°	74.3	72.1	73.6	84.0	71.4	66.9	62.4	59.5	57.2	57.2	56.5
65°	70.6	67.7	67.7	69.9	66.9	63.9	61.0	58.0	55.0	55.0	55.8
67.5°	66.9	63.9	63.2	63.2	61.7	61.0	58.0	55.0	53.5	53.5	53.5
70°	61.7	59.5	58.7	57.2	57.2	56.5	54.3	52.0	50.6	51.3	50.6
72.5°	55.8	54.3	52.8	52.8	52.0	51.3	49.1	47.6	46.8	47.6	47.6
75°	49.8	47.6	47.6	46.1	46.1	45.3	43.1	42.4	41.6	42.4	43.1
77.5°	42.4	40.9	40.1	40.1	40.1	40.1	37.2	36.4	36.4	37.9	37.9
80°	34.9	34.2	33.5	33.5	33.5	32.7	31.2	30.5	30.5	31.2	32.0
82.5°	26.8	25.3	25.3	26.0	26.8	26.8	24.5	23.0	23.0	24.5	26.0
85°	17.8	17.8	17.8	18.6	18.6	19.3	17.8	15.6	16.4	17.1	19.3
87.5°	9.7	10.4	9.7	8.9	10.4	9.7	9.7	8.9	9.7	10.4	11.2
90°	3.0	3.0	2.2	1.5	0.7	1.5	1.5	2.2	0.7	0.7	1.5
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



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CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P227308

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4
2.5°	1266.1	1253.4	1246.7	1272.8	1270.5	1248.2	1248.2	1263.8	1264.6	1251.2	1266.8
5°	1044.5	1031.9	1043.8	1033.4	1039.3	1038.6	1047.5	1031.1	1037.8	1031.9	1017.8
7.5°	774.7	799.9	813.3	796.2	817.8	828.9	813.3	828.9	804.4	784.3	803.7
10°	533.0	561.3	556.1	583.6	594.0	600.0	611.1	597.0	579.9	574.7	560.6
12.5°	413.4	407.4	405.2	416.3	423.0	413.4	421.5	412.6	403.7	388.1	387.3
15°	323.4	313.7	307.0	294.4	289.9	292.2	295.9	295.9	278.0	278.8	285.5
17.5°	245.3	243.1	237.9	227.5	220.8	223.0	222.3	218.6	216.3	217.8	226.0
20°	184.4	182.1	185.1	188.1	185.9	186.6	183.6	179.9	178.4	179.9	181.4
22.5°	145.7	148.7	152.4	156.9	157.6	161.3	160.6	161.3	158.4	156.9	153.1
25°	133.1	134.6	132.3	133.1	133.1	136.8	136.0	136.0	133.1	132.3	133.1
27.5°	117.5	116.7	116.7	118.2	118.2	120.4	121.9	120.4	117.5	116.7	117.5
30°	108.5	107.8	107.1	107.8	107.1	107.8	109.3	109.3	107.8	105.6	106.3
32.5°	99.6	99.6	98.9	99.6	98.9	98.9	100.4	98.1	98.1	97.4	97.4
35°	87.7	89.2	90.7	91.4	91.4	91.4	92.9	90.7	90.0	89.2	89.2
37.5°	75.8	77.3	81.8	84.0	84.8	86.2	87.0	85.5	84.0	82.5	81.0
40°	72.1	72.1	73.6	76.6	79.5	80.3	81.8	79.5	78.8	76.6	74.3
42.5°	69.1	69.9	69.9	70.6	71.4	72.9	75.1	72.9	71.4	69.9	67.7
45°	66.9	66.9	66.9	66.9	66.2	66.2	66.9	65.4	64.7	63.9	63.9
47.5°	65.4	64.7	63.9	63.2	62.4	61.7	61.7	60.2	60.2	60.2	60.2
50°	63.9	62.4	61.7	61.0	59.5	59.5	59.5	58.0	57.2	57.2	58.0
52.5°	61.7	61.0	60.2	59.5	58.7	58.0	58.0	56.5	55.8	55.8	55.8
55°	61.0	60.2	58.7	58.0	57.2	58.0	57.2	56.5	55.0	55.0	55.0
57.5°	58.7	59.5	58.7	57.2	57.2	57.2	57.2	55.8	55.0	53.5	54.3
59°	58.0	58.7	58.0	57.2	56.5	57.2	57.2	55.0	54.3	53.5	53.5
60°	57.2	58.0	57.2	56.5	56.5	57.2	56.5	55.8	54.3	52.0	52.8
62.5°	56.5	56.5	55.8	55.8	55.0	55.8	55.0	53.5	52.0	50.6	49.8
65°	55.0	55.0	54.3	54.3	53.5	53.5	53.5	52.0	50.6	49.1	49.1
67.5°	54.3	53.5	52.8	52.8	52.0	52.0	52.0	50.6	48.3	47.6	46.8
70°	51.3	50.6	50.6	49.8	49.1	49.8	50.6	48.3	46.1	44.6	43.9
72.5°	48.3	47.6	47.6	46.8	46.8	47.6	48.3	46.1	43.1	41.6	40.9
75°	43.9	43.1	43.1	43.1	43.1	44.6	44.6	42.4	40.1	37.9	36.4
77.5°	37.9	38.7	38.7	38.7	38.7	40.1	40.1	38.7	36.4	34.9	32.7
80°	32.7	32.7	33.5	33.5	34.2	34.2	33.5	32.7	32.0	30.5	27.5
82.5°	27.5	27.5	27.5	27.5	27.5	26.8	25.3	26.8	26.8	25.3	23.0
85°	21.6	21.6	21.6	22.3	22.3	20.1	17.8	17.8	20.1	19.3	17.8
87.5°	12.6	12.6	13.4	15.6	14.1	13.4	11.2	11.9	11.2	12.6	10.4
90°	3.0	2.2	2.2	0.7	1.5	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°	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



REPORT NUMBER: P227308
 CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°

NUMBER: P227308
 NUMBER: ISW-AF-800-LED-E1-SLR-7050

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	110°	0.0
1268.3	1271.3	1278.0	1275.7	1300.3	1292.8	1309.9	1333.0	1354.5	1344.1	1347.1	112.5°	0.0
1043.0	1046.8	1018.5	1035.6	1060.9	1050.5	1046.8	1081.0	1072.8	1111.4	1079.5	115°	0.0
772.4	763.5	750.1	743.4	724.9	724.9	759.8	775.4	773.2	799.9	827.4	117.5°	0.0
542.7	532.3	515.9	511.5	530.1	539.0	554.6	570.2	591.0	621.5	639.4	120°	0.0
398.5	394.8	398.5	409.6	426.7	439.4	463.2	490.7	513.7	538.2	562.0	122.5°	0.0
301.1	308.5	318.2	325.6	339.0	362.8	375.4	405.9	426.7	448.3	475.8	125°	0.0
234.2	238.6	240.9	243.8	255.0	272.1	272.1	303.3	330.8	359.1	382.1	127.5°	0.0
178.4	178.4	171.0	175.5	176.9	175.5	184.4	202.2	220.1	238.6	275.1	130°	0.0
149.4	145.0	142.7	142.0	142.7	145.7	150.9	157.6	160.6	168.8	182.9	132.5°	0.0
132.3	131.6	129.4	129.4	130.8	131.6	136.8	142.7	144.2	146.5	151.7	135°	0.0
116.7	118.2	120.4	119.7	120.4	121.9	125.6	130.8	133.8	134.6	138.3	137.5°	0.0
105.6	107.1	107.8	110.0	110.0	110.8	113.7	118.9	121.2	124.9	128.6	140°	0.0
98.1	98.9	99.6	98.9	99.6	99.6	103.3	108.5	111.5	113.7	116.0	142.5°	0.0
90.0	89.2	89.2	89.2	87.0	86.2	87.7	92.9	93.7	95.9	101.1	145°	0.0
80.3	78.1	76.6	76.6	76.6	77.3	81.0	86.2	87.0	89.2	93.7	147.5°	0.0
71.4	70.6	70.6	71.4	72.1	73.6	76.6	81.8	82.5	84.8	88.5	150°	0.0
66.9	66.9	66.9	67.7	68.4	69.1	72.9	78.1	79.5	81.8	86.2	152.5°	0.0
63.9	64.7	63.9	63.9	64.7	66.2	69.9	75.8	78.1	80.3	84.8	155°	0.0
61.7	61.7	61.7	62.4	62.4	63.9	68.4	74.3	75.8	78.8	85.5	157.5°	0.0
58.7	60.2	59.5	60.2	61.0	62.4	66.9	72.9	75.1	79.5	87.0	160°	0.0
57.2	57.2	57.2	58.0	59.5	60.2	63.9	70.6	73.6	79.5	91.4	162.5°	0.0
56.5	55.0	55.0	55.8	57.2	58.7	62.4	69.1	72.9	78.8	90.7	165°	0.0
55.8	53.5	52.8	53.5	55.0	55.8	60.2	66.9	72.1	76.6	87.7	167.5°	0.0
53.5	52.0	51.3	52.0	53.5	55.0	58.7	65.4	69.1	75.1	84.0	170°	0.0
52.8	50.6	50.6	51.3	52.8	53.5	57.2	63.9	67.7	75.8	86.2	172.5°	0.0
49.8	49.1	49.1	49.8	49.8	51.3	55.8	62.4	65.4	77.3	72.1	175°	0.0
47.6	47.6	47.6	47.6	48.3	49.1	54.3	61.0	62.4	66.9	61.7	177.5°	0.0
46.1	46.1	46.1	46.1	46.1	47.6	52.0	58.7	59.5	58.7	56.5	180°	0.0
43.1	43.1	43.1	43.1	43.9	44.6	49.1	55.0	55.0	53.5	53.5		
40.9	40.1	40.1	40.1	40.1	40.9	45.3	51.3	50.6	49.8	49.8		
36.4	36.4	36.4	36.4	36.4	36.4	40.9	46.8	46.1	45.3	44.6		
32.0	32.0	32.7	32.0	31.2	30.5	34.9	41.6	41.6	40.9	40.1		
27.5	26.8	27.5	26.8	25.3	25.3	29.0	34.9	35.7	34.9	33.5		
22.3	21.6	21.6	21.6	18.6	18.6	22.3	28.3	28.3	27.5	26.0		
17.1	16.4	15.6	14.9	12.6	12.6	15.6	20.8	21.6	18.6	17.8		
8.9	8.9	8.9	6.7	5.9	5.2	8.2	12.6	12.6	10.4	8.9		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227308
 ISW-AF-800-LED-E1-SLR-7050

REPORT NUMBER: P227308
 CATALOG NUMBER: ISW-AF-80

TION (continued):

CANDELA DISTRIBUTION (con

165°	170°	175°	180°	185°	190°	195°	200°	205°	210°		215°	220°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1459.4	1459.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1365.7	1372.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1103.3	1129.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	834.1	869.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	668.3	692.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	586.6	620.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	503.3	540.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	412.6	458.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	315.2	359.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	221.5	259.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	161.3	178.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	143.5	150.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	134.6	139.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	121.2	125.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	106.3	112.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	98.9	103.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	94.4	95.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	90.7	90.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	88.5	90.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	90.0	99.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	101.1	98.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	103.3	92.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	94.4	88.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	84.8	77.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	75.8	71.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	70.6	69.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	64.7	66.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	60.2	63.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	58.0	60.2
										70°	54.3	55.8
										72.5°	50.6	51.3
										75°	45.3	46.1
										77.5°	40.1	40.1
										80°	32.7	32.7
										82.5°	25.3	24.5
										85°	16.4	15.6
										87.5°	7.4	5.9
										90°	0.0	0.0
										92.5°	0.0	0.0
										95°	0.0	0.0
										97.5°	0.0	0.0
										100°	0.0	0.0
										102.5°	0.0	0.0
										105°	0.0	0.0
										107.5°	0.0	0.0



REPORT NUMBER: P227308
 CATALOG NUMBER: ISW-AF-800-LED-E1-

00-LED-E1-SLR-7050

tinued):

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	110°	0.0	0.0	0.0
1405.8	1426.7	1443.0	1440.0	1475.0	1495.8	1498.8	1520.3	1541.1	112.5°	0.0	0.0	0.0
1150.1	1179.1	1207.3	1228.2	1283.2	1328.5	1363.5	1400.6	1444.5	115°	0.0	0.0	0.0
916.7	941.2	987.3	1020.7	1078.7	1131.5	1182.8	1241.5	1291.3	117.5°	0.0	0.0	0.0
718.2	749.4	792.5	855.0	907.0	967.2	1031.9	1087.6	1170.9	120°	0.0	0.0	0.0
645.3	664.6	700.3	730.1	794.7	858.7	931.5	1008.1	1084.7	122.5°	0.0	0.0	0.0
570.2	604.4	637.9	681.0	737.5	807.4	886.2	968.7	1054.9	125°	0.0	0.0	0.0
497.4	542.7	579.1	626.0	689.2	777.6	880.2	982.8	1083.9	127.5°	0.0	0.0	0.0
408.1	450.5	514.5	562.0	644.6	755.3	886.9	1028.9	1165.7	130°	0.0	0.0	0.0
321.2	366.5	439.4	510.0	600.7	743.4	913.7	1104.7	1287.6	132.5°	0.0	0.0	0.0
229.7	291.4	363.5	452.8	562.8	736.0	950.1	1198.4	1444.5	135°	0.0	0.0	0.0
171.7	214.9	302.6	400.0	520.4	722.6	988.8	1285.4	1551.6	137.5°	0.0	0.0	0.0
153.1	183.6	240.9	343.5	468.4	696.6	1017.8	1367.9	1648.9	140°	0.0	0.0	0.0
133.8	157.6	203.0	289.9	421.5	656.5	1030.4	1411.8	1716.6	142.5°	0.0	0.0	0.0
117.5	139.8	185.9	269.1	397.7	611.1	1028.2	1455.6	1801.3	145°	0.0	0.0	0.0
107.1	126.4	178.4	263.9	379.2	569.5	1030.4	1526.3	1927.0	147.5°	0.0	0.0	0.0
98.9	121.2	172.5	252.8	370.2	546.4	1039.3	1588.7	2034.8	150°	0.0	0.0	0.0
98.9	119.7	157.6	237.2	365.8	548.7	1043.0	1637.0	2115.1	152.5°	0.0	0.0	0.0
104.1	112.3	146.5	228.2	368.7	565.0	1038.6	1686.1	2193.1	155°	0.0	0.0	0.0
98.9	104.8	139.0	226.7	368.7	576.9	1052.0	1747.1	2295.7	157.5°	0.0	0.0	0.0
93.7	97.4	136.8	224.5	361.3	588.1	1107.0	1860.8	2429.5	160°	0.0	0.0	0.0
87.0	91.4	133.8	220.8	353.1	602.2	1204.4	2051.9	2651.1	162.5°	0.0	0.0	0.0
78.8	87.7	129.4	214.9	347.9	627.5	1304.0	2245.2	2915.0	165°	0.0	0.0	0.0
75.8	84.0	118.9	200.7	342.7	655.0	1410.3	2430.3	3152.2	167.5°	0.0	0.0	0.0
73.6	81.0	110.0	190.3	338.3	668.3	1442.3	2500.9	3243.6	170°	0.0	0.0	0.0
72.1	79.5	104.8	181.4	333.1	669.1	1465.3	2527.7	3257.0	172.5°	0.0	0.0	0.0
69.9	76.6	94.4	162.8	316.7	668.3	1467.5	2544.8	3218.3	175°	0.0	0.0	0.0
66.2	73.6	95.2	153.1	287.0	637.1	1375.4	2462.3	3064.4	177.5°	0.0	0.0	0.0
63.2	71.4	100.4	155.4	255.7	556.8	1202.9	2205.8	2735.1	180°	0.0	0.0	0.0
58.7	69.9	104.8	160.6	246.8	462.4	910.0	1801.3	2290.5				
54.3	69.1	108.5	164.3	237.2	380.6	630.4	1277.2	1714.4				
49.1	63.2	98.9	139.8	196.3	276.6	405.9	835.6	1182.1				
42.4	50.6	72.1	98.1	144.2	193.3	240.1	504.8	773.2				
34.9	37.9	51.3	63.2	95.9	114.5	133.1	284.7	540.5				
26.0	26.8	34.9	40.1	54.3	63.2	79.5	174.7	437.9				
14.9	17.1	23.8	26.8	32.7	40.1	52.0	111.5	343.5				
5.9	7.4	14.1	15.6	17.8	22.3	29.0	64.7	107.1				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				



REPORT NUMBER: P227308

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

SLR-7050

CANDELA DISTRIBUTION (continued):

230°	235°	240°	245°	250°	255°	260°	265°		270°	275°	280°	285°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1459.4	1459.4	1459.4	1459.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1562.0	1577.6	1591.0	1601.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1491.3	1527.8	1571.6	1608.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1365.7	1411.8	1483.2	1527.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1246.7	1314.4	1392.5	1455.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1165.7	1249.7	1324.1	1394.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	1143.4	1228.9	1295.8	1360.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1188.0	1273.5	1330.8	1370.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1292.8	1384.3	1420.7	1417.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1436.3	1532.2	1532.2	1502.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1625.9	1695.0	1657.1	1600.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1760.5	1825.1	1759.0	1666.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1872.0	1919.6	1835.5	1723.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1970.1	2005.0	1894.3	1783.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	2087.6	2100.2	1955.2	1837.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	2217.7	2228.1	2043.0	1895.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	2370.8	2333.6	2107.6	1950.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2465.2	2404.3	2154.5	1978.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2539.6	2456.3	2176.0	1994.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2631.0	2532.9	2214.0	2024.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	2751.5	2639.2	2309.9	2108.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2998.3	2859.3	2482.3	2254.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	3282.3	3150.7	2758.1	2496.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3509.8	3421.3	3004.2	2715.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	3593.8	3555.9	3178.2	2900.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	3625.0	3657.7	3270.4	3013.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3646.6	3788.6	3570.0	3350.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	3601.9	3810.1	3691.2	3556.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	3407.9	3657.0	3633.9	3515.7
								70°	3010.9	3288.2	3368.5	3200.5
								72.5°	2265.2	2609.5	3047.3	2784.2
								75°	1475.7	1793.9	2602.0	2384.9
								77.5°	924.1	1119.6	1856.4	1670.5
								80°	614.8	719.6	1178.3	1072.8
								82.5°	462.4	510.0	810.3	762.0
								85°	243.8	310.8	630.4	799.2
								87.5°	91.4	101.9	474.3	714.4
								90°	0.0	0.0	0.7	0.0
								92.5°	0.0	0.0	0.0	0.0
								95°	0.0	0.0	0.0	0.0
								97.5°	0.0	0.0	0.0	0.0
								100°	0.0	0.0	0.0	0.0
								102.5°	0.0	0.0	0.0	0.0
								105°	0.0	0.0	0.0	0.0
								107.5°	0.0	0.0	0.0	0.0



REPORT NUMBER: P227308

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4	110°	0.0	0.0	0.0	0.0	0.0
1610.3	1623.7	1631.8	1625.9	1635.6	1637.8	1627.4	112.5°	0.0	0.0	0.0	0.0	0.0
1640.0	1677.2	1704.0	1722.5	1730.0	1736.7	1733.7	115°	0.0	0.0	0.0	0.0	0.0
1585.0	1642.3	1692.1	1726.3	1738.2	1747.1	1738.9	117.5°	0.0	0.0	0.0	0.0	0.0
1524.0	1583.5	1630.4	1664.6	1663.8	1672.7	1657.1	120°	0.0	0.0	0.0	0.0	0.0
1466.8	1524.8	1566.4	1564.9	1554.5	1528.5	1524.0	122.5°	0.0	0.0	0.0	0.0	0.0
1421.4	1451.9	1462.3	1460.1	1430.4	1415.5	1413.3	125°	0.0	0.0	0.0	0.0	0.0
1399.1	1397.7	1373.9	1347.8	1319.6	1318.1	1298.8	127.5°	0.0	0.0	0.0	0.0	0.0
1402.9	1354.5	1310.7	1266.1	1235.6	1228.9	1231.1	130°	0.0	0.0	0.0	0.0	0.0
1449.7	1364.2	1281.7	1236.3	1200.6	1190.2	1194.7	132.5°	0.0	0.0	0.0	0.0	0.0
1508.4	1393.9	1291.3	1222.2	1193.2	1180.6	1182.8	135°	0.0	0.0	0.0	0.0	0.0
1547.8	1428.1	1323.3	1237.8	1198.4	1186.5	1194.0	137.5°	0.0	0.0	0.0	0.0	0.0
1598.4	1475.0	1366.4	1278.0	1219.2	1203.6	1208.8	140°	0.0	0.0	0.0	0.0	0.0
1648.2	1525.5	1427.4	1327.0	1255.7	1226.7	1234.8	142.5°	0.0	0.0	0.0	0.0	0.0
1701.7	1584.3	1485.4	1393.9	1309.9	1264.6	1275.0	145°	0.0	0.0	0.0	0.0	0.0
1764.2	1652.7	1567.9	1483.9	1397.7	1359.7	1364.2	147.5°	0.0	0.0	0.0	0.0	0.0
1824.4	1719.6	1665.3	1602.8	1552.3	1494.3	1494.3	150°	0.0	0.0	0.0	0.0	0.0
1860.1	1806.5	1791.7	1773.8	1744.1	1702.5	1693.5	152.5°	0.0	0.0	0.0	0.0	0.0
1903.9	1909.9	1944.1	1979.8	1988.7	1947.8	1935.2	155°	0.0	0.0	0.0	0.0	0.0
1986.5	2048.9	2161.2	2258.6	2277.9	2311.3	2272.7	157.5°	0.0	0.0	0.0	0.0	0.0
2102.4	2217.7	2407.2	2566.3	2611.7	2614.7	2617.6	160°	0.0	0.0	0.0	0.0	0.0
2234.8	2399.8	2650.3	2839.9	2921.0	2942.5	2926.9	162.5°	0.0	0.0	0.0	0.0	0.0
2461.5	2610.9	2885.3	3089.7	3193.8	3244.4	3231.0	165°	0.0	0.0	0.0	0.0	0.0
2686.0	2871.9	3113.5	3315.0	3425.8	3482.3	3494.1	167.5°	0.0	0.0	0.0	0.0	0.0
2839.2	3013.1	3236.2	3422.0	3531.3	3599.0	3604.9	170°	0.0	0.0	0.0	0.0	0.0
2932.9	3092.0	3309.8	3473.3	3582.6	3639.9	3660.7	172.5°	0.0	0.0	0.0	0.0	0.0
3216.8	3245.8	3394.5	3502.3	3578.9	3604.9	3620.5	175°	0.0	0.0	0.0	0.0	0.0
3349.9	3228.7	3211.6	3278.6	3285.2	3268.1	3246.6	177.5°	0.0	0.0	0.0	0.0	0.0
3164.8	2881.6	2776.7	2767.8	2740.3	2729.2	2660.8	180°	0.0	0.0	0.0	0.0	0.0
2748.5	2340.3	2155.2	2054.9	2115.8	2113.6	2043.7						
2315.8	1900.2	1660.1	1515.9	1498.0	1495.0	1434.1						
1880.9	1491.3	1280.9	1211.1	1127.0	1101.8	1112.2						
1356.0	1064.6	1020.0	1073.5	1080.2	1060.9	1047.5						
854.2	800.7	843.8	941.2	998.4	973.2	982.8						
712.2	630.4	633.4	736.0	774.7	780.6	760.5						
790.3	631.2	517.4	504.8	491.4	309.3	430.4						
712.2	488.4	287.7	237.2	145.7	84.0	87.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	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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CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

295°	300°	305°	310°	315°	320°		325°	330°	335°	340°	345°	350°
0.0	0.0	0.0	0.0	0.0	0.0	0°	1459.4	1459.4	1459.4	1459.4	1459.4	1459.4
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1625.2	1611.0	1595.4	1574.6	1578.3	1553.0
0.0	0.0	0.0	0.0	0.0	0.0	5°	1710.6	1686.1	1652.7	1610.3	1570.9	1520.3
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1701.7	1662.3	1606.6	1542.6	1490.6	1417.7
0.0	0.0	0.0	0.0	0.0	0.0	10°	1625.2	1573.9	1528.5	1462.3	1394.7	1330.8
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1518.1	1489.1	1449.7	1399.9	1334.5	1269.0
0.0	0.0	0.0	0.0	0.0	0.0	15°	1401.4	1403.6	1379.8	1366.4	1333.7	1281.7
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1305.5	1327.8	1340.4	1361.2	1364.9	1339.7
0.0	0.0	0.0	0.0	0.0	0.0	20°	1241.5	1272.8	1312.2	1369.4	1429.6	1455.6
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1205.9	1244.5	1307.7	1411.8	1521.8	1588.0
0.0	0.0	0.0	0.0	0.0	0.0	25°	1199.2	1250.5	1338.9	1466.1	1608.8	1701.7
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1210.3	1277.2	1382.0	1527.0	1667.5	1802.1
0.0	0.0	0.0	0.0	0.0	0.0	30°	1246.0	1324.1	1438.5	1594.7	1740.4	1874.2
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1280.2	1376.8	1503.2	1655.6	1802.1	1935.2
0.0	0.0	0.0	0.0	0.0	0.0	35°	1335.2	1432.6	1562.0	1702.5	1844.5	1995.4
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1419.2	1504.7	1608.1	1738.9	1886.8	2043.0
0.0	0.0	0.0	0.0	0.0	0.0	40°	1538.9	1595.4	1662.3	1765.7	1907.7	2074.9
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1718.1	1730.0	1753.0	1806.5	1926.2	2112.1
0.0	0.0	0.0	0.0	0.0	0.0	45°	1949.3	1913.6	1893.5	1886.1	1967.9	2135.9
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2217.7	2147.8	2067.5	2028.8	2048.2	2173.8
0.0	0.0	0.0	0.0	0.0	0.0	50°	2567.1	2453.3	2295.7	2184.2	2174.6	2285.3
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2887.5	2738.8	2540.3	2408.7	2355.2	2493.5
0.0	0.0	0.0	0.0	0.0	0.0	55°	3190.1	3075.6	2851.1	2687.5	2668.9	2769.3
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3455.5	3356.6	3173.0	2959.6	2967.1	3064.4
0.0	0.0	0.0	0.0	0.0	0.0	59°	3593.0	3510.5	3340.3	3123.2	3139.5	3273.3
0.0	0.0	0.0	0.0	0.0	0.0	60°	3642.1	3573.0	3410.9	3228.0	3248.8	3387.8
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3638.4	3593.8	3476.3	3390.1	3496.4	3598.2
0.0	0.0	0.0	0.0	0.0	0.0	65°	3291.2	3223.5	3210.2	3361.1	3566.3	3664.4
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2617.6	2649.6	2776.7	3036.2	3380.4	3523.1
						70°	1944.1	2000.6	2170.1	2495.7	2968.5	3215.4
						72.5°	1429.6	1486.1	1642.3	1999.1	2442.2	2660.8
						75°	1121.8	1138.9	1251.2	1531.5	1924.8	2103.9
						77.5°	1036.3	985.1	939.0	1089.1	1298.0	1451.9
						80°	965.0	867.6	759.0	804.4	855.0	1018.5
						82.5°	749.4	684.7	600.0	657.9	681.7	686.9
						85°	438.6	390.3	494.4	700.3	692.9	606.6
						87.5°	154.6	200.7	226.0	388.1	469.1	405.9
						90°	0.0	2.2	6.7	7.4	11.2	3.7
						92.5°	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
						97.5°	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
						102.5°	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
						107.5°	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227308

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1459.4	1459.4	1459.4	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1533.0	1512.1	1510.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1480.2	1433.3	1418.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1354.5	1300.3	1289.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1249.0	1188.8	1178.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1194.7	1137.5	1124.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1215.5	1152.3	1145.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1293.6	1226.7	1229.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1427.4	1384.3	1373.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1602.8	1556.0	1542.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1752.3	1728.5	1719.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860.1	1871.2	1862.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946.3	1983.5	1979.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2034.8	2106.9	2109.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2100.2	2227.3	2253.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2184.2	2354.5	2381.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2248.2	2448.1	2480.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2310.6	2525.5	2561.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2361.9	2602.0	2638.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2419.9	2676.4	2712.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2524.0	2793.1	2835.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2747.7	3009.4	3069.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3071.1	3308.3	3355.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3362.6	3511.2	3523.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3482.3	3567.0	3563.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3570.0	3580.4	3559.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3617.6	3518.7	3483.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3493.4	3355.9	3309.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3135.1	3062.2	3008.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2666.7	2482.3	2447.4								
2021.4	1778.3	1726.3								
1412.5	1121.1	1050.5								
928.6	719.6	692.9								
602.2	478.0	469.9								
420.0	313.7	289.2								
258.0	104.8	100.4								
80.3	48.3	43.1								
2.2	3.0	3.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

