

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: P271806

Luminaire Tested: **ISW-AF-1200-LED-E1-SLR-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271806  
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-1200-LED-E1-SLR-7027  
Description: IMPACT ELITE LED WEDGE LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5162.4 lumens  
Efficiency: N/A  
Efficacy: 78.2 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

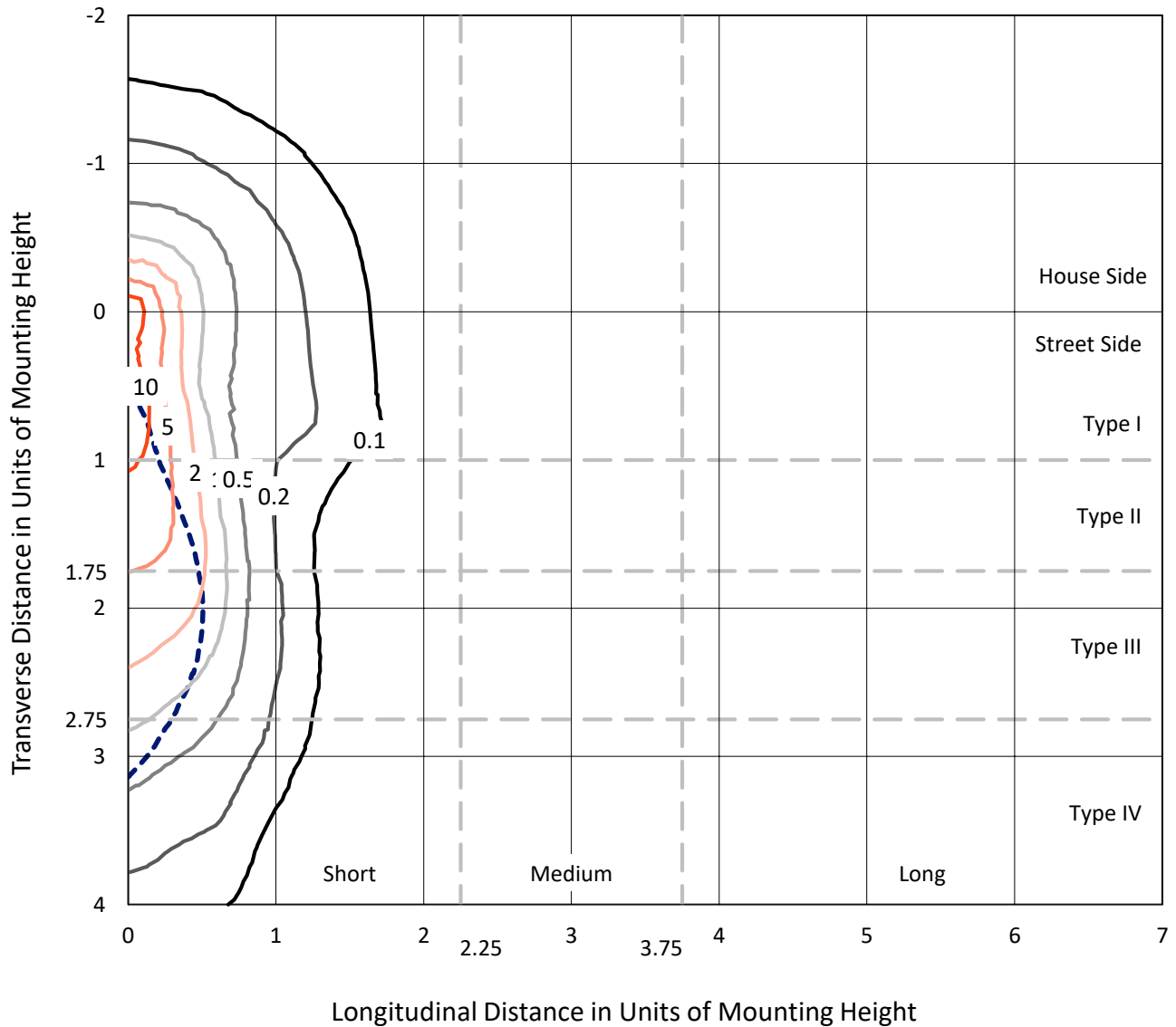
Input Watts (W): 66  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P271806  
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### Iso-Footcandle Lines of Horizontal Illumination

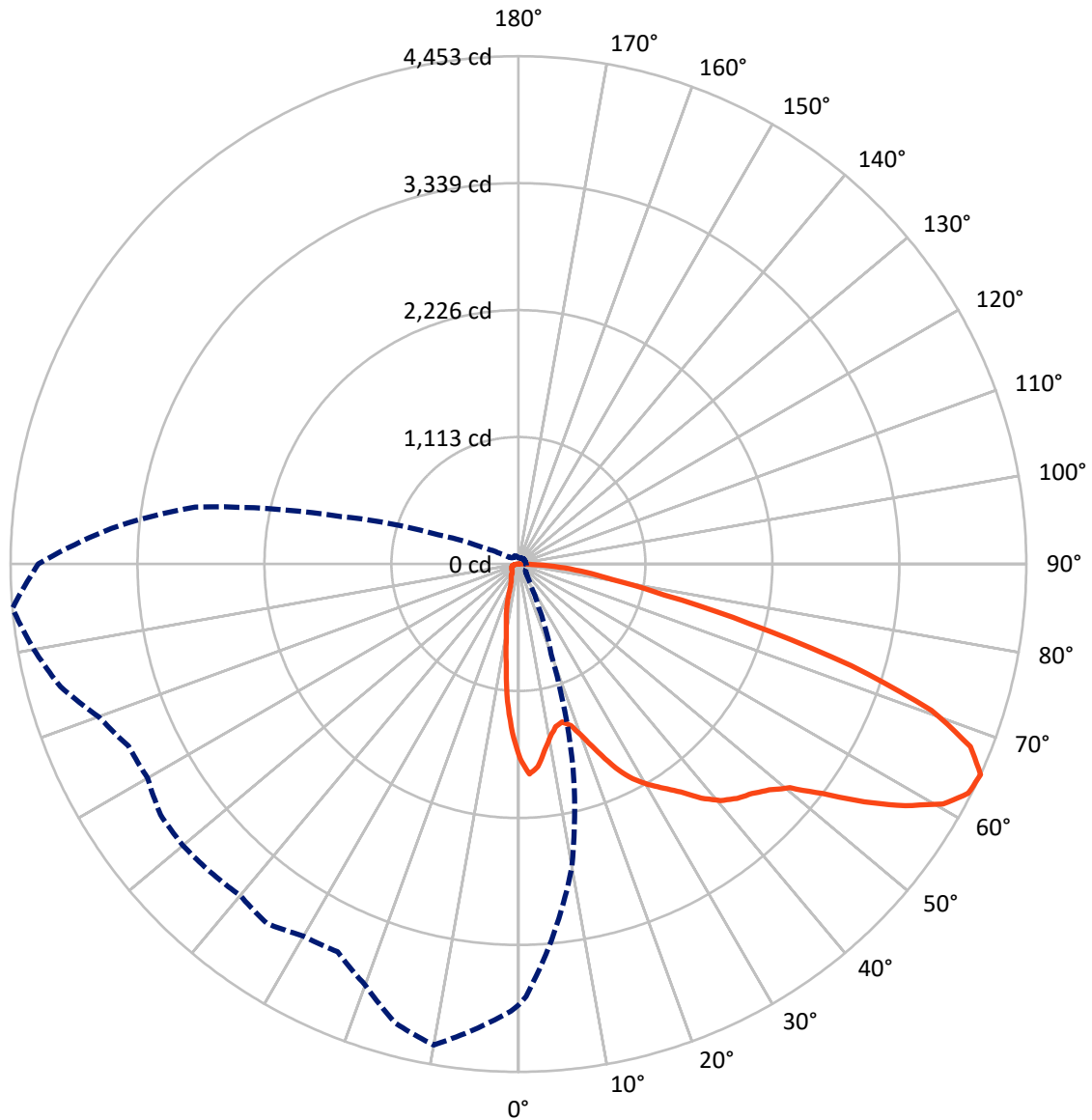
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.1 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271806  
CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	885.5	0.0	885.5
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	4276.7	0.2	4276.9
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	5162.2	0.2	5162.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.4	2.4
10°-20°	243.1	4.7
20°-30°	346.7	6.7
30°-40°	502.9	9.7
40°-50°	719.4	13.9
50°-60°	1104.6	21.4
60°-70°	1278.6	24.8
70°-80°	652.3	12.6
80°-90°	188.2	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°	5162.2	100.0
0°-180°	5162.4	100.0



REPORT NUMBER: P271806

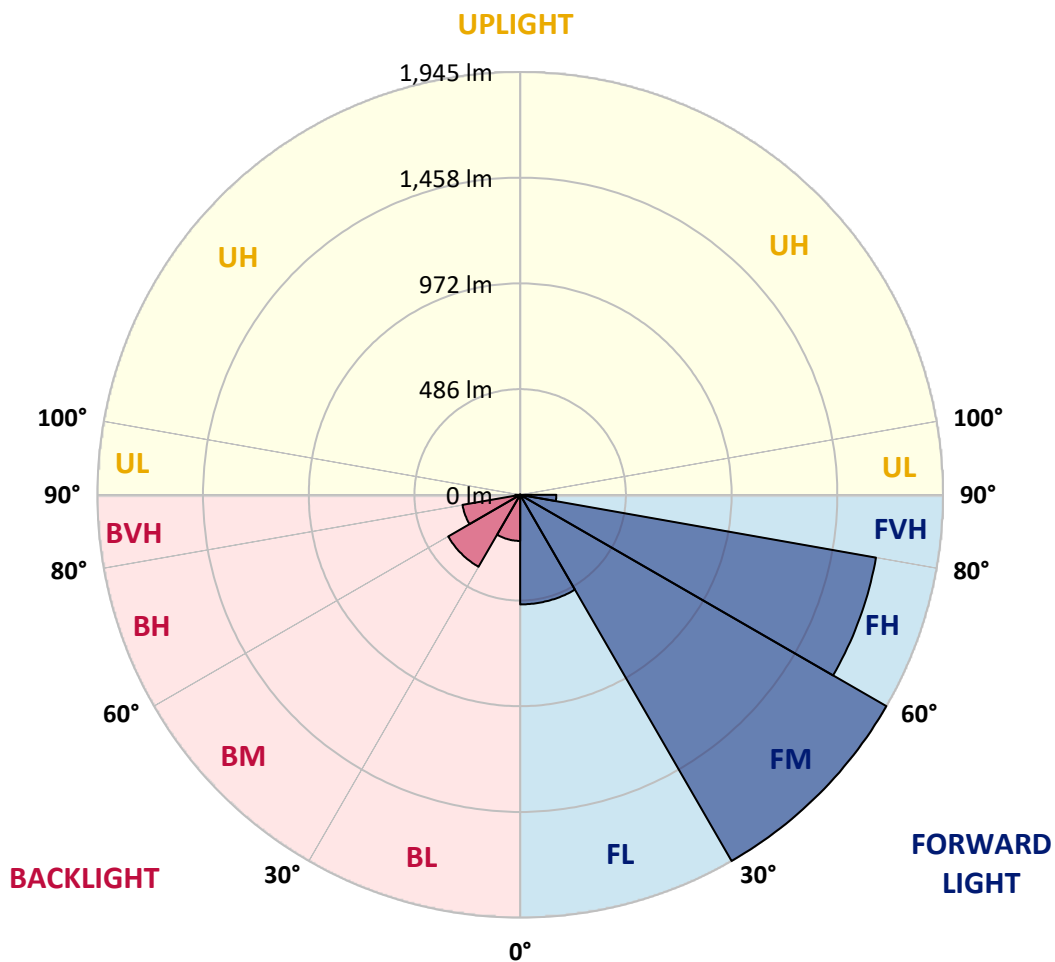
CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	504.2	9.8			
FM	(30°-60°)	1944.6	37.7			
FH	(60°-80°)	1661.5	32.2			G1/1800
FVH	(80°-90°)	166.4	3.2			G2/225
BL	(0°-30°)	212.0	4.1	B1/500		
BM	(30°-60°)	382.3	7.4	B1/1000		
BH	(60°-80°)	269.3	5.2	B1/500		G1/500
BVH	(80°-90°)	21.9	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





REPORT NUMBER: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1765.3	1755.0	1741.9	1719.4	1699.3	1670.7	1663.8	1628.2	1605.5	1610.8	1570.0
5°	1657.7	1651.6	1619.5	1569.1	1536.0	1470.9	1433.5	1414.4	1360.6	1353.6	1338.8
7.5°	1506.5	1488.2	1436.1	1373.6	1317.2	1269.3	1209.4	1163.3	1122.5	1097.3	1053.0
10°	1377.0	1358.0	1301.5	1225.0	1157.3	1090.4	1041.8	981.8	923.5	878.4	842.7
12.5°	1314.5	1293.6	1227.6	1139.1	1063.4	980.1	911.4	852.3	820.2	797.5	768.1
15°	1338.8	1308.4	1229.4	1123.4	1029.5	941.0	867.9	804.5	766.3	731.5	696.7
17.5°	1437.0	1399.6	1309.3	1181.6	1051.3	936.6	832.3	760.1	699.4	647.3	600.3
20°	1605.5	1577.7	1446.6	1267.6	1098.2	939.2	801.8	707.2	633.3	567.3	504.8
22.5°	1802.8	1761.0	1632.5	1384.0	1158.2	954.8	782.9	662.9	575.2	486.5	418.8
25°	2009.6	1977.3	1807.1	1540.4	1250.2	987.0	768.1	623.9	506.6	408.3	333.6
27.5°	2176.3	2147.7	1979.1	1690.7	1334.5	1014.7	746.3	586.4	451.8	333.6	251.1
30°	2312.8	2288.4	2112.1	1814.0	1437.0	1024.2	715.9	542.9	390.9	269.3	207.7
32.5°	2465.7	2438.8	2239.7	1900.1	1483.0	1015.6	681.2	502.2	342.3	238.1	178.1
35°	2633.3	2602.1	2382.2	1993.0	1521.3	985.2	651.6	472.6	318.9	216.3	158.1
37.5°	2782.8	2762.7	2510.9	2085.1	1564.7	934.9	623.0	440.5	303.2	200.7	142.5
40°	2899.2	2894.0	2653.3	2161.6	1598.6	898.3	599.5	415.3	283.2	194.7	137.4
42.5°	2993.1	2991.3	2769.7	2230.2	1607.2	866.1	581.2	392.6	265.0	179.8	139.9
45°	3083.4	3082.5	2882.8	2325.8	1613.4	867.9	567.3	378.7	249.4	170.3	132.1
47.5°	3169.4	3182.4	3000.9	2458.8	1677.7	897.5	562.1	365.8	237.2	159.9	125.1
50°	3313.6	3300.6	3187.6	2638.5	1781.1	954.8	553.4	354.5	225.9	150.3	118.1
52.5°	3587.3	3572.5	3471.8	2879.2	1894.0	1013.8	542.1	338.8	212.9	139.9	110.3
55°	3921.8	3941.8	3801.9	3172.1	2047.8	1063.4	530.0	318.0	195.5	127.6	105.1
57.5°	4118.1	4101.6	3941.8	3340.5	2142.5	1088.7	522.2	293.7	168.5	117.3	99.9
59°	4164.3	4136.3	3918.2	3369.3	2167.7	1076.5	517.9	270.2	154.7	112.1	97.3
60°	4159.8	4125.9	3880.9	3350.9	2174.7	1061.7	510.9	256.3	146.9	109.4	96.5
62.5°	4070.4	4017.4	3668.9	3130.3	2077.3	987.9	482.2	223.3	136.5	106.0	91.2
65°	3867.0	3792.4	3312.8	2699.4	1854.0	841.0	417.0	211.1	139.0	104.2	87.8
67.5°	3516.1	3456.0	2854.9	2233.6	1477.8	679.4	360.6	205.9	142.5	106.0	82.6
70°	2860.1	2808.8	2227.5	1672.5	1106.8	540.4	327.5	203.3	139.9	101.7	78.2
72.5°	2017.3	1928.8	1480.5	1171.1	701.9	434.4	284.1	192.0	136.5	98.2	71.2
75°	1227.6	1244.2	941.0	853.2	443.1	298.0	223.3	161.5	120.7	87.8	64.3
77.5°	809.7	808.8	694.2	602.0	225.0	185.1	158.1	124.2	94.7	72.1	55.7
80°	549.0	555.2	503.9	411.0	125.1	111.2	103.3	90.4	69.5	54.8	46.0
82.5°	337.9	338.8	390.1	307.6	83.5	70.3	66.0	60.8	49.6	42.6	35.7
85°	117.3	119.9	136.5	217.2	56.4	46.0	46.0	42.6	37.4	28.7	23.4
87.5°	50.3	49.6	59.1	59.1	27.8	23.4	21.6	21.6	20.8	15.6	13.0
90°	3.4	2.7	2.7	3.4	4.3	6.1	5.2	6.1	6.1	5.2	3.4
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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**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





REPORT NUMBER: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1557.8	1548.2	1521.3	1514.4	1523.1	1505.6	1501.2	1496.9	1464.8	1481.3	1462.2
5°	1302.4	1299.8	1245.1	1256.3	1245.1	1225.8	1218.0	1236.2	1204.2	1211.2	1215.5
7.5°	1000.8	990.4	953.9	929.7	914.8	901.8	885.3	858.4	879.2	874.9	907.8
10°	812.3	789.7	767.2	733.3	714.2	695.8	676.9	666.4	642.1	639.4	628.2
12.5°	744.5	712.4	683.8	654.2	634.2	597.7	567.3	548.2	532.5	508.2	490.0
15°	654.2	627.3	589.8	561.2	530.0	496.9	467.4	443.1	431.7	409.2	398.8
17.5°	563.0	522.2	477.0	448.3	404.9	371.0	346.7	331.0	314.5	300.7	288.4
20°	453.6	400.6	351.9	315.3	281.5	248.5	237.2	218.1	211.1	205.9	210.2
22.5°	344.9	290.2	239.8	212.0	193.8	185.1	175.5	172.0	169.4	168.5	170.3
25°	252.9	206.8	182.4	172.0	165.1	159.9	156.3	153.8	152.0	151.2	152.0
27.5°	195.5	171.1	159.0	152.0	146.9	143.4	141.7	139.0	138.1	137.4	138.1
30°	169.4	156.3	147.7	140.8	134.7	128.5	126.0	125.1	126.0	126.8	126.0
32.5°	147.7	138.1	128.5	122.5	118.1	114.6	114.6	113.0	113.0	115.5	116.4
35°	133.8	124.2	117.3	109.4	104.2	100.8	98.2	96.5	97.3	97.3	99.9
37.5°	122.5	115.5	109.4	102.6	97.3	93.9	92.1	90.4	89.5	88.7	88.7
40°	114.6	110.3	105.1	98.2	93.0	89.5	87.8	86.0	85.1	84.4	84.4
42.5°	114.6	106.0	102.6	96.5	90.4	86.9	84.4	82.6	80.8	80.8	80.8
45°	126.0	108.5	102.6	95.6	89.5	85.1	82.6	79.9	78.2	78.2	77.3
47.5°	122.5	121.6	104.2	95.6	90.4	85.1	81.7	79.1	77.3	76.4	75.5
50°	116.4	126.8	116.4	98.2	90.4	84.4	80.8	78.2	75.5	74.6	74.6
52.5°	113.0	118.1	120.7	101.7	91.2	84.4	79.9	77.3	75.5	73.8	73.0
55°	104.2	111.2	115.5	99.9	91.2	82.6	78.2	75.5	73.0	72.1	71.2
57.5°	95.6	100.8	111.2	99.9	88.7	81.7	76.4	73.0	71.2	70.3	69.5
59°	93.0	93.0	99.0	102.6	86.9	80.8	75.5	72.1	70.3	69.5	67.7
60°	90.4	90.4	93.9	105.1	86.0	79.9	74.6	71.2	68.6	68.6	67.7
62.5°	86.9	84.4	86.0	98.2	83.5	78.2	73.0	69.5	66.9	66.9	66.0
65°	82.6	79.1	79.1	81.7	78.2	74.6	71.2	67.7	64.3	64.3	65.1
67.5°	78.2	74.6	73.8	73.8	72.1	71.2	67.7	64.3	62.5	62.5	62.5
70°	72.1	69.5	68.6	66.9	66.9	66.0	63.4	60.8	59.1	60.0	59.1
72.5°	65.1	63.4	61.6	61.6	60.8	60.0	57.3	55.7	54.8	55.7	55.7
75°	58.2	55.7	55.7	53.9	53.9	53.0	50.3	49.6	48.7	49.6	50.3
77.5°	49.6	47.8	46.9	46.9	46.9	46.9	43.5	42.6	42.6	44.3	44.3
80°	40.9	40.0	39.1	39.1	39.1	38.2	36.5	35.7	35.7	36.5	37.4
82.5°	31.4	29.6	29.6	30.5	31.4	31.4	28.7	26.9	26.9	28.7	30.5
85°	20.8	20.8	20.8	21.6	21.6	22.5	20.8	18.2	19.1	20.0	22.5
87.5°	11.3	12.1	11.3	10.4	12.1	11.3	11.3	10.4	11.3	12.1	13.0
90°	3.4	3.4	2.7	1.8	0.9	1.8	1.8	2.7	0.9	0.9	1.8
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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
2.5°	1479.6	1464.8	1457.1	1487.4	1484.8	1458.7	1458.7	1476.9	1477.8	1462.2	1480.5
5°	1220.7	1206.0	1219.8	1207.6	1214.6	1213.7	1224.1	1205.1	1212.8	1206.0	1189.4
7.5°	905.3	934.9	950.5	930.5	955.7	968.7	950.5	968.7	940.1	916.6	939.2
10°	623.0	655.9	649.8	682.0	694.2	701.1	714.2	697.6	677.7	671.7	655.0
12.5°	483.1	476.1	473.5	486.5	494.3	483.1	492.6	482.2	471.8	453.6	452.7
15°	378.0	366.7	358.9	344.1	338.8	341.4	345.8	345.8	325.0	325.7	333.6
17.5°	286.6	284.1	278.0	265.9	258.0	260.7	259.8	255.4	252.9	254.6	264.1
20°	215.4	212.9	216.3	219.8	217.2	218.1	214.5	210.2	208.5	210.2	212.0
22.5°	170.3	173.7	178.1	183.3	184.2	188.6	187.7	188.6	185.1	183.3	179.0
25°	155.6	157.2	154.7	155.6	155.6	159.9	159.0	159.0	155.6	154.7	155.6
27.5°	137.4	136.5	136.5	138.1	138.1	140.8	142.5	140.8	137.4	136.5	137.4
30°	126.8	126.0	125.1	126.0	125.1	126.0	127.6	127.6	126.0	123.3	124.2
32.5°	116.4	116.4	115.5	116.4	115.5	115.5	117.3	114.6	114.6	113.8	113.8
35°	102.6	104.2	106.0	106.9	106.9	106.9	108.5	106.0	105.1	104.2	104.2
37.5°	88.7	90.4	95.6	98.2	99.0	100.8	101.7	99.9	98.2	96.5	94.7
40°	84.4	84.4	86.0	89.5	93.0	93.9	95.6	93.0	92.1	89.5	86.9
42.5°	80.8	81.7	81.7	82.6	83.5	85.1	87.8	85.1	83.5	81.7	79.1
45°	78.2	78.2	78.2	78.2	77.3	77.3	78.2	76.4	75.5	74.6	74.6
47.5°	76.4	75.5	74.6	73.8	73.0	72.1	72.1	70.3	70.3	70.3	70.3
50°	74.6	73.0	72.1	71.2	69.5	69.5	69.5	67.7	66.9	66.9	67.7
52.5°	72.1	71.2	70.3	69.5	68.6	67.7	67.7	66.0	65.1	65.1	65.1
55°	71.2	70.3	68.6	67.7	66.9	67.7	66.9	66.0	64.3	64.3	64.3
57.5°	68.6	69.5	68.6	66.9	66.9	66.9	66.9	65.1	64.3	62.5	63.4
59°	67.7	68.6	67.7	66.9	66.0	66.9	66.9	64.3	63.4	62.5	62.5
60°	66.9	67.7	66.9	66.0	66.0	66.9	66.0	65.1	63.4	60.8	61.6
62.5°	66.0	66.0	65.1	65.1	64.3	65.1	64.3	62.5	60.8	59.1	58.2
65°	64.3	64.3	63.4	63.4	62.5	62.5	62.5	60.8	59.1	57.3	57.3
67.5°	63.4	62.5	61.6	61.6	60.8	60.8	60.8	59.1	56.4	55.7	54.8
70°	60.0	59.1	59.1	58.2	57.3	58.2	59.1	56.4	53.9	52.1	51.2
72.5°	56.4	55.7	55.7	54.8	54.8	55.7	56.4	53.9	50.3	48.7	47.8
75°	51.2	50.3	50.3	50.3	50.3	52.1	52.1	49.6	46.9	44.3	42.6
77.5°	44.3	45.2	45.2	45.2	45.2	46.9	46.9	45.2	42.6	40.9	38.2
80°	38.2	38.2	39.1	39.1	40.0	40.0	39.1	38.2	37.4	35.7	32.2
82.5°	32.2	32.2	32.2	32.2	32.2	31.4	29.6	31.4	31.4	29.6	26.9
85°	25.2	25.2	25.2	26.1	26.1	23.4	20.8	20.8	23.4	22.5	20.8
87.5°	14.7	14.7	15.6	18.2	16.5	15.6	13.0	13.9	13.0	14.7	12.1
90°	3.4	2.7	2.7	0.9	1.8	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: P271806  
 CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

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: P271806  
 NUMBER: ISW-AF-1200-LED-E1-SLR-7027

REPORT NUMBER: P  
 CATALOG NUMBER:

<u>DISTRIBUTION (continued):</u>											<u>CANDELA DISTRIBUTION</u>	
160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°		160°
1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	110°	0.0
1482.1	1485.7	1493.5	1490.8	1519.6	1510.9	1530.8	1557.8	1582.9	1570.8	1574.3	112.5°	0.0
1218.9	1223.3	1190.3	1210.3	1239.8	1227.6	1223.3	1263.3	1253.7	1298.9	1261.5	115°	0.0
902.7	892.3	876.7	868.8	847.1	847.1	888.0	906.2	903.5	934.9	966.9	117.5°	0.0
634.2	622.1	602.9	597.7	619.4	629.9	648.1	666.4	690.7	726.3	747.2	120°	0.0
465.7	461.3	465.7	478.7	498.6	513.5	541.3	573.4	600.3	629.0	656.8	122.5°	0.0
351.9	360.6	371.9	380.5	396.2	424.0	438.7	474.3	498.6	523.9	556.1	125°	0.0
273.6	278.8	281.5	284.9	298.0	318.0	318.0	354.5	386.6	419.7	446.5	127.5°	0.0
208.5	208.5	199.9	205.0	206.8	205.0	215.4	236.3	257.2	278.8	321.4	130°	0.0
174.6	169.4	166.8	166.0	166.8	170.3	176.3	184.2	187.7	197.2	213.8	132.5°	0.0
154.7	153.8	151.2	151.2	152.9	153.8	159.9	166.8	168.5	171.1	177.2	135°	0.0
136.5	138.1	140.8	139.9	140.8	142.5	146.9	152.9	156.3	157.2	161.5	137.5°	0.0
123.3	125.1	126.0	128.5	128.5	129.4	132.9	139.0	141.7	146.0	150.3	140°	0.0
114.6	115.5	116.4	115.5	116.4	116.4	120.7	126.8	130.3	132.9	135.6	142.5°	0.0
105.1	104.2	104.2	104.2	101.7	100.8	102.6	108.5	109.4	112.1	118.1	145°	0.0
93.9	91.2	89.5	89.5	89.5	90.4	94.7	100.8	101.7	104.2	109.4	147.5°	0.0
83.5	82.6	82.6	83.5	84.4	86.0	89.5	95.6	96.5	99.0	103.3	150°	0.0
78.2	78.2	78.2	79.1	79.9	80.8	85.1	91.2	93.0	95.6	100.8	152.5°	0.0
74.6	75.5	74.6	74.6	75.5	77.3	81.7	88.7	91.2	93.9	99.0	155°	0.0
72.1	72.1	72.1	73.0	73.0	74.6	79.9	86.9	88.7	92.1	99.9	157.5°	0.0
68.6	70.3	69.5	70.3	71.2	73.0	78.2	85.1	87.8	93.0	101.7	160°	0.0
66.9	66.9	66.9	67.7	69.5	70.3	74.6	82.6	86.0	93.0	106.9	162.5°	0.0
66.0	64.3	64.3	65.1	66.9	68.6	73.0	80.8	85.1	92.1	106.0	165°	0.0
65.1	62.5	61.6	62.5	64.3	65.1	70.3	78.2	84.4	89.5	102.6	167.5°	0.0
62.5	60.8	60.0	60.8	62.5	64.3	68.6	76.4	80.8	87.8	98.2	170°	0.0
61.6	59.1	59.1	60.0	61.6	62.5	66.9	74.6	79.1	88.7	100.8	172.5°	0.0
58.2	57.3	57.3	58.2	58.2	60.0	65.1	73.0	76.4	90.4	84.4	175°	0.0
55.7	55.7	55.7	55.7	56.4	57.3	63.4	71.2	73.0	78.2	72.1	177.5°	0.0
53.9	53.9	53.9	53.9	53.9	55.7	60.8	68.6	69.5	68.6	66.0	180°	0.0
50.3	50.3	50.3	50.3	51.2	52.1	57.3	64.3	64.3	62.5	62.5		
47.8	46.9	46.9	46.9	46.9	47.8	53.0	60.0	59.1	58.2	58.2		
42.6	42.6	42.6	42.6	42.6	42.6	47.8	54.8	53.9	53.0	52.1		
37.4	37.4	38.2	37.4	36.5	35.7	40.9	48.7	48.7	47.8	46.9		
32.2	31.4	32.2	31.4	29.6	29.6	33.9	40.9	41.7	40.9	39.1		
26.1	25.2	25.2	25.2	21.6	21.6	26.1	33.0	33.0	32.2	30.5		
20.0	19.1	18.2	17.3	14.7	14.7	18.2	24.3	25.2	21.6	20.8		
10.4	10.4	10.4	7.8	7.0	6.1	9.5	14.7	14.7	12.1	10.4		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'271806  
 ISW-AF-1200-LED-E1-SLR-7027

REPORT NUMBER: P271806  
 CATALOG NUMBER: ISW-AF-1:

**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°	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1596.0	1603.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1289.2	1319.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	974.8	1015.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	781.1	808.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	685.5	725.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	588.2	631.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	482.2	535.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	368.3	420.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	258.9	303.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	188.6	208.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	167.6	175.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	157.2	162.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	141.7	146.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	124.2	131.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	115.5	120.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	110.3	111.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	106.0	106.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	103.3	106.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	105.1	116.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	118.1	114.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	120.7	107.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	110.3	103.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	99.0	90.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	88.7	83.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	82.6	80.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	75.5	77.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	70.3	73.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	67.7	70.3
										70°	63.4	65.1
										72.5°	59.1	60.0
										75°	53.0	53.9
										77.5°	46.9	46.9
										80°	38.2	38.2
										82.5°	29.6	28.7
										85°	19.1	18.2
										87.5°	8.7	7.0
										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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E:

200-LED-E1-SLR-7027

tinued):

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	110°	0.0	0.0	0.0
1642.9	1667.3	1686.4	1682.9	1723.7	1748.0	1751.5	1776.7	1801.0	112.5°	0.0	0.0	0.0
1344.0	1377.9	1411.0	1435.2	1499.6	1552.5	1593.4	1636.8	1688.1	115°	0.0	0.0	0.0
1071.2	1100.0	1153.7	1192.9	1260.6	1322.3	1382.3	1450.9	1509.2	117.5°	0.0	0.0	0.0
839.3	875.8	926.2	999.2	1059.9	1130.2	1206.0	1271.0	1368.4	120°	0.0	0.0	0.0
754.1	776.8	818.4	853.2	928.8	1003.5	1088.7	1178.0	1267.6	122.5°	0.0	0.0	0.0
666.4	706.3	745.4	795.8	861.8	943.5	1035.7	1132.0	1232.8	125°	0.0	0.0	0.0
581.2	634.2	676.9	731.5	805.4	908.7	1028.6	1148.6	1266.7	127.5°	0.0	0.0	0.0
477.0	526.5	601.2	656.8	753.3	882.8	1036.5	1202.4	1362.3	130°	0.0	0.0	0.0
375.3	428.3	513.5	595.9	701.9	868.8	1067.7	1291.0	1504.8	132.5°	0.0	0.0	0.0
268.4	340.5	424.9	529.1	657.6	860.0	1110.3	1400.5	1688.1	135°	0.0	0.0	0.0
200.7	251.1	353.7	467.4	608.2	844.5	1155.5	1502.1	1813.2	137.5°	0.0	0.0	0.0
179.0	214.5	281.5	401.5	547.3	814.0	1189.4	1598.6	1927.0	140°	0.0	0.0	0.0
156.3	184.2	237.2	338.8	492.6	767.2	1204.2	1649.8	2006.1	142.5°	0.0	0.0	0.0
137.4	163.3	217.2	314.5	464.9	714.2	1201.6	1701.1	2105.1	145°	0.0	0.0	0.0
125.1	147.7	208.5	308.4	443.1	665.6	1204.2	1783.7	2251.9	147.5°	0.0	0.0	0.0
115.5	141.7	201.6	295.5	432.6	638.5	1214.6	1856.7	2377.9	150°	0.0	0.0	0.0
115.5	139.9	184.2	277.1	427.4	641.2	1218.9	1913.1	2471.8	152.5°	0.0	0.0	0.0
121.6	131.2	171.1	266.8	431.0	660.3	1213.7	1970.4	2563.0	155°	0.0	0.0	0.0
115.5	122.5	162.4	265.0	431.0	674.2	1229.4	2041.7	2682.9	157.5°	0.0	0.0	0.0
109.4	113.8	159.9	262.3	422.2	687.2	1293.6	2174.7	2839.3	160°	0.0	0.0	0.0
101.7	106.9	156.3	258.0	412.7	703.7	1407.5	2397.8	3098.2	162.5°	0.0	0.0	0.0
92.1	102.6	151.2	251.1	406.7	733.3	1523.9	2623.8	3406.6	165°	0.0	0.0	0.0
88.7	98.2	139.0	234.5	400.6	765.4	1648.1	2840.1	3683.7	167.5°	0.0	0.0	0.0
86.0	94.7	128.5	222.4	395.3	781.1	1685.5	2922.6	3790.6	170°	0.0	0.0	0.0
84.4	93.0	122.5	212.0	389.2	782.0	1712.3	2954.0	3806.3	172.5°	0.0	0.0	0.0
81.7	89.5	110.3	190.4	370.1	781.1	1715.0	2973.9	3761.0	175°	0.0	0.0	0.0
77.3	86.0	111.2	179.0	335.3	744.5	1607.2	2877.5	3581.3	177.5°	0.0	0.0	0.0
73.8	83.5	117.3	181.5	298.9	650.7	1405.8	2577.8	3196.3	180°	0.0	0.0	0.0
68.6	81.7	122.5	187.7	288.4	540.4	1063.4	2105.1	2676.8				
63.4	80.8	126.8	192.0	277.1	444.8	736.7	1492.6	2003.5				
57.3	73.8	115.5	163.3	229.3	323.2	474.3	976.5	1381.4				
49.6	59.1	84.4	114.6	168.5	225.9	280.6	589.8	903.5				
40.9	44.3	60.0	73.8	112.1	133.8	155.6	332.7	631.6				
30.5	31.4	40.9	46.9	63.4	73.8	93.0	204.2	511.8				
17.3	20.0	27.8	31.4	38.2	46.9	60.8	130.3	401.5				
7.0	8.7	16.5	18.2	20.8	26.1	33.9	75.5	125.1				
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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

1-SLR-7027

**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°	1705.4	1705.4	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1825.4	1843.6	1859.2	1871.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1742.8	1785.4	1836.7	1880.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1596.0	1649.8	1733.3	1784.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1457.1	1536.0	1627.3	1701.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1362.3	1460.5	1547.3	1629.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	1336.2	1436.1	1514.4	1589.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1388.3	1488.2	1555.1	1601.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1510.9	1617.7	1660.2	1656.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1678.6	1790.6	1790.6	1755.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1900.1	1980.9	1936.6	1870.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	2057.4	2132.9	2055.6	1947.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	2187.6	2243.2	2145.2	2013.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	2302.4	2343.2	2213.7	2084.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	2439.5	2454.3	2285.0	2146.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	2591.6	2603.7	2387.4	2215.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	2770.6	2727.2	2463.1	2278.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2881.0	2809.7	2517.8	2311.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2967.8	2870.5	2543.0	2331.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	3074.7	2960.1	2587.3	2365.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	3215.4	3084.3	2699.4	2463.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	3503.9	3341.4	2901.0	2635.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	3835.9	3682.1	3223.3	2917.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	4101.6	3998.3	3510.8	3172.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	4199.8	4155.5	3714.1	3389.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	4236.2	4274.6	3821.9	3521.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	4261.5	4427.5	4172.0	3915.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	4209.4	4452.6	4313.6	4156.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	3982.6	4273.7	4246.7	4108.6
								70°	3518.8	3842.7	3936.6	3740.3
								72.5°	2647.2	3049.5	3561.2	3253.8
								75°	1724.6	2096.5	3040.9	2787.1
								77.5°	1079.9	1308.4	2169.4	1952.2
								80°	718.6	841.0	1377.0	1253.7
								82.5°	540.4	595.9	947.0	890.5
								85°	284.9	363.2	736.7	934.0
								87.5°	106.9	119.0	554.3	835.0
								90°	0.0	0.0	0.9	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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

7

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4	110°	0.0	0.0	0.0	0.0	0.0
1881.8	1897.5	1907.0	1900.1	1911.3	1914.0	1901.8	112.5°	0.0	0.0	0.0	0.0	0.0
1916.5	1960.0	1991.4	2013.0	2021.7	2029.5	2026.0	115°	0.0	0.0	0.0	0.0	0.0
1852.2	1919.2	1977.3	2017.3	2031.2	2041.7	2032.1	117.5°	0.0	0.0	0.0	0.0	0.0
1781.1	1850.6	1905.2	1945.3	1944.4	1954.8	1936.6	120°	0.0	0.0	0.0	0.0	0.0
1714.1	1781.9	1830.6	1828.8	1816.7	1786.3	1781.1	122.5°	0.0	0.0	0.0	0.0	0.0
1661.1	1696.8	1708.9	1706.3	1671.6	1654.2	1651.6	125°	0.0	0.0	0.0	0.0	0.0
1635.1	1633.4	1605.5	1575.2	1542.1	1540.4	1517.8	127.5°	0.0	0.0	0.0	0.0	0.0
1639.5	1582.9	1531.7	1479.6	1443.9	1436.1	1438.7	130°	0.0	0.0	0.0	0.0	0.0
1694.1	1594.2	1497.8	1444.8	1403.2	1390.9	1396.1	132.5°	0.0	0.0	0.0	0.0	0.0
1762.8	1629.0	1509.2	1428.3	1394.3	1379.7	1382.3	135°	0.0	0.0	0.0	0.0	0.0
1808.8	1669.1	1546.5	1446.6	1400.5	1386.6	1395.2	137.5°	0.0	0.0	0.0	0.0	0.0
1867.9	1723.7	1596.8	1493.5	1424.8	1406.6	1412.7	140°	0.0	0.0	0.0	0.0	0.0
1926.1	1782.8	1668.2	1550.8	1467.4	1433.5	1443.0	142.5°	0.0	0.0	0.0	0.0	0.0
1988.7	1851.5	1735.9	1629.0	1530.8	1477.8	1490.0	145°	0.0	0.0	0.0	0.0	0.0
2061.7	1931.4	1832.4	1734.2	1633.4	1589.0	1594.2	147.5°	0.0	0.0	0.0	0.0	0.0
2132.0	2009.6	1946.1	1873.1	1814.0	1746.2	1746.2	150°	0.0	0.0	0.0	0.0	0.0
2173.8	2111.2	2093.8	2073.0	2038.3	1989.6	1979.1	152.5°	0.0	0.0	0.0	0.0	0.0
2225.0	2232.0	2271.9	2313.7	2324.1	2276.2	2261.6	155°	0.0	0.0	0.0	0.0	0.0
2321.5	2394.4	2525.7	2639.4	2661.9	2701.1	2656.0	157.5°	0.0	0.0	0.0	0.0	0.0
2457.0	2591.6	2813.2	2999.1	3052.1	3055.6	3059.1	160°	0.0	0.0	0.0	0.0	0.0
2611.6	2804.5	3097.3	3318.9	3413.5	3438.7	3420.5	162.5°	0.0	0.0	0.0	0.0	0.0
2876.6	3051.3	3371.9	3610.7	3732.4	3791.5	3775.8	165°	0.0	0.0	0.0	0.0	0.0
3138.9	3356.2	3638.6	3874.0	4003.5	4069.5	4083.3	167.5°	0.0	0.0	0.0	0.0	0.0
3318.0	3521.3	3782.0	3999.2	4126.8	4205.9	4212.8	170°	0.0	0.0	0.0	0.0	0.0
3427.4	3613.3	3867.9	4059.0	4186.8	4253.7	4278.0	172.5°	0.0	0.0	0.0	0.0	0.0
3759.4	3793.3	3966.9	4092.9	4182.4	4212.8	4231.1	175°	0.0	0.0	0.0	0.0	0.0
3914.8	3773.2	3753.3	3831.5	3839.3	3819.2	3794.1	177.5°	0.0	0.0	0.0	0.0	0.0
3698.5	3367.5	3244.9	3234.5	3202.4	3189.4	3109.4	180°	0.0	0.0	0.0	0.0	0.0
3212.0	2735.0	2518.7	2401.3	2472.7	2470.0	2388.3						
2706.3	2220.7	1940.0	1771.5	1750.7	1747.1	1675.9						
2198.2	1742.8	1496.9	1415.3	1317.2	1287.6	1299.8						
1584.7	1244.2	1192.1	1254.6	1262.4	1239.8	1224.1						
998.3	935.8	986.1	1100.0	1166.8	1137.3	1148.6						
832.3	736.7	740.2	860.0	905.3	912.3	888.9						
923.5	737.6	604.6	589.8	574.3	361.4	503.1						
832.3	570.9	336.2	277.1	170.3	98.2	101.7						
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						



REPORT NUMBER: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**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°	1705.4	1705.4	1705.4	1705.4	1705.4	1705.4
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1899.2	1882.7	1864.4	1840.2	1844.5	1814.9
0.0	0.0	0.0	0.0	0.0	0.0	5°	1999.1	1970.4	1931.4	1881.8	1835.8	1776.7
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1988.7	1942.7	1877.5	1802.8	1741.9	1656.8
0.0	0.0	0.0	0.0	0.0	0.0	10°	1899.2	1839.3	1786.3	1708.9	1629.9	1555.1
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1774.2	1740.3	1694.1	1635.9	1559.5	1483.0
0.0	0.0	0.0	0.0	0.0	0.0	15°	1637.7	1640.3	1612.5	1596.8	1558.6	1497.8
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1525.6	1551.7	1566.5	1590.8	1595.1	1565.6
0.0	0.0	0.0	0.0	0.0	0.0	20°	1450.9	1487.4	1533.5	1600.3	1670.7	1701.1
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1409.2	1454.4	1528.3	1649.8	1778.5	1855.8
0.0	0.0	0.0	0.0	0.0	0.0	25°	1401.4	1461.4	1564.7	1713.2	1880.2	1988.7
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1414.4	1492.6	1615.2	1784.6	1948.7	2106.0
0.0	0.0	0.0	0.0	0.0	0.0	30°	1456.2	1547.3	1681.2	1863.6	2033.9	2190.2
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1496.0	1609.0	1756.7	1934.8	2106.0	2261.6
0.0	0.0	0.0	0.0	0.0	0.0	35°	1560.4	1674.2	1825.4	1989.6	2155.6	2331.9
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1658.5	1758.4	1879.3	2032.1	2205.0	2387.4
0.0	0.0	0.0	0.0	0.0	0.0	40°	1798.5	1864.4	1942.7	2063.4	2229.3	2424.9
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2007.8	2021.7	2048.7	2111.2	2251.1	2468.3
0.0	0.0	0.0	0.0	0.0	0.0	45°	2278.0	2236.3	2212.9	2204.1	2299.8	2496.1
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2591.6	2510.0	2416.1	2371.0	2393.5	2540.4
0.0	0.0	0.0	0.0	0.0	0.0	50°	3000.0	2867.1	2682.9	2552.5	2541.2	2670.8
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	3374.4	3200.8	2968.7	2814.9	2752.4	2914.0
0.0	0.0	0.0	0.0	0.0	0.0	55°	3728.1	3594.3	3331.8	3140.7	3119.1	3236.3
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	4038.2	3922.7	3708.0	3458.7	3467.4	3581.3
0.0	0.0	0.0	0.0	0.0	0.0	59°	4198.9	4102.5	3903.6	3649.8	3668.9	3825.3
0.0	0.0	0.0	0.0	0.0	0.0	60°	4256.3	4175.5	3986.0	3772.3	3796.7	3959.1
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	4251.9	4199.8	4062.6	3961.7	4086.0	4205.1
0.0	0.0	0.0	0.0	0.0	0.0	65°	3846.3	3767.1	3751.5	3927.9	4167.7	4282.3
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	3059.1	3096.4	3244.9	3548.2	3950.5	4117.3
						70°	2271.9	2338.0	2536.1	2916.5	3469.2	3757.6
						72.5°	1670.7	1736.7	1919.2	2336.2	2854.1	3109.4
						75°	1311.1	1331.0	1462.2	1789.7	2249.4	2458.8
						77.5°	1211.2	1151.2	1097.3	1272.8	1517.0	1696.8
						80°	1127.7	1013.8	887.1	940.1	999.2	1190.3
						82.5°	875.8	800.2	701.1	768.9	796.7	802.7
						85°	512.7	456.1	577.8	818.4	809.7	708.9
						87.5°	180.6	234.5	264.1	453.6	548.2	474.3
						90°	0.0	2.7	7.8	8.7	13.0	4.3
						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: P271806

CATALOG NUMBER: ISW-AF-1200-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1705.4	1705.4	1705.4	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1791.5	1767.1	1765.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1729.8	1675.1	1657.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1582.9	1519.6	1506.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1459.6	1389.2	1377.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1396.1	1329.3	1314.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.5	1346.6	1338.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1511.7	1433.5	1437.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1668.2	1617.7	1605.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1873.1	1818.3	1802.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047.8	2020.0	2009.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2173.8	2186.7	2176.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2274.5	2318.0	2312.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2377.9	2462.3	2465.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2454.3	2603.0	2633.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2552.5	2751.5	2782.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2627.3	2861.0	2899.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2700.2	2951.3	2993.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2760.2	3040.9	3083.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2828.0	3127.7	3169.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2949.6	3264.1	3313.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3211.1	3517.0	3587.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3589.1	3866.1	3921.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3929.6	4103.4	4118.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4069.5	4168.6	4164.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4172.0	4184.1	4159.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4227.6	4112.0	4070.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4082.4	3921.8	3867.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3663.7	3578.6	3516.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3116.4	2901.0	2860.1								
2362.4	2078.2	2017.3								
1650.7	1310.2	1227.6								
1085.2	841.0	809.7								
703.7	558.7	549.0								
490.8	366.7	337.9								
301.5	122.5	117.3								
93.9	56.4	50.3								
2.7	3.4	3.4								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

