

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: P271756

Luminaire Tested: **ISW-AF-350-LED-E1-SLR-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271756  
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-350-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**

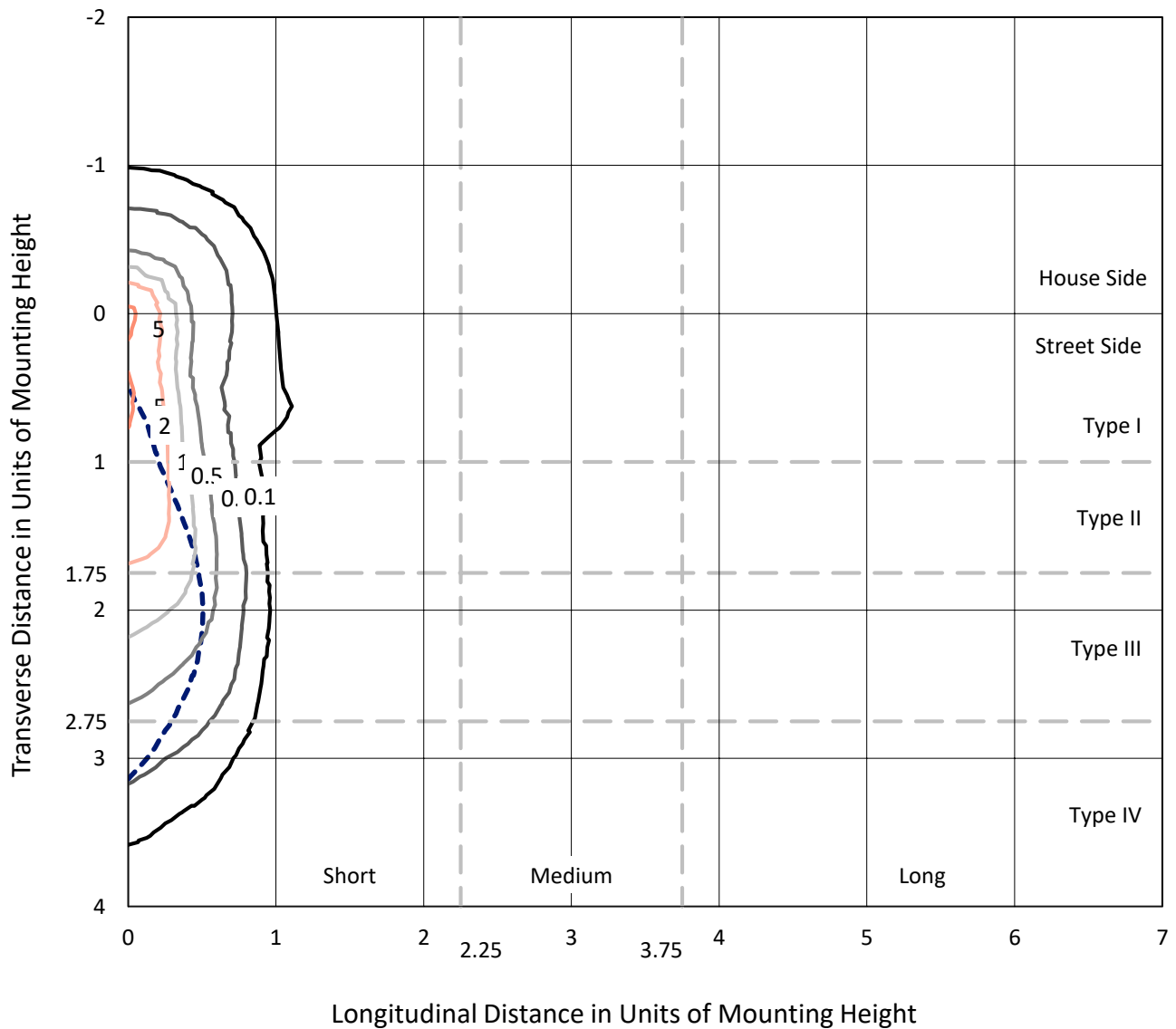
Lumens per Lamp: N/A  
Luminaire Lumens: 1871.8 lumens  
Efficiency: N/A  
Efficacy: 93.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U1 - G1  
  
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

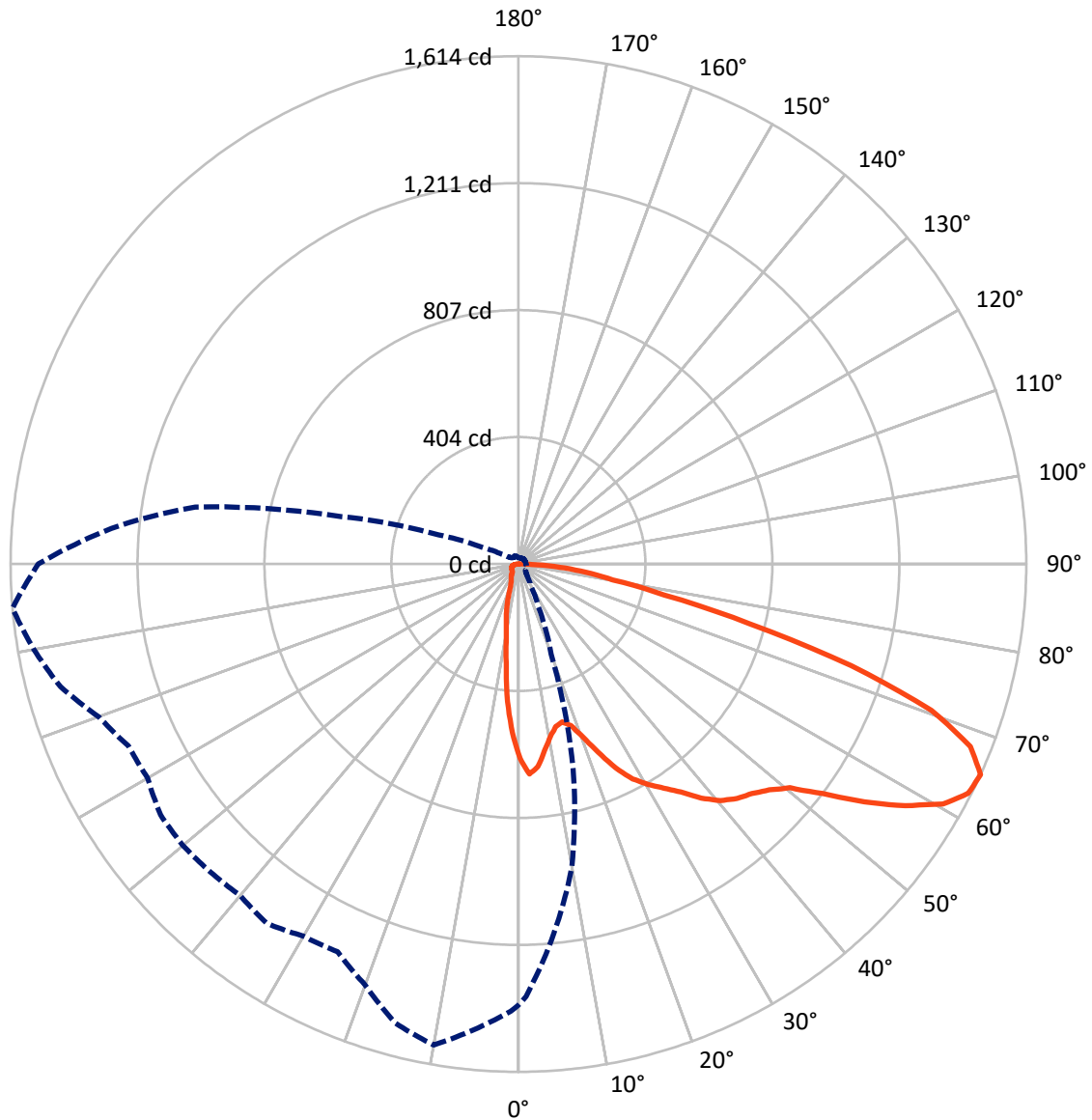
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.2 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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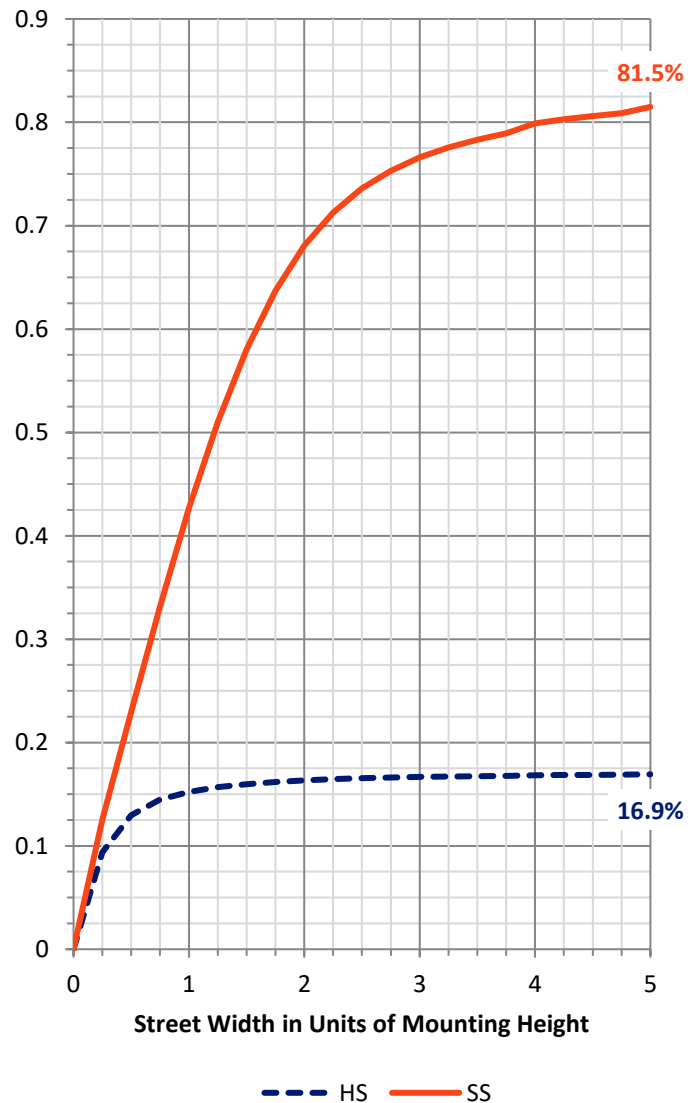
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	321.1	0.0	321.1
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	1550.7	0.1	1550.7
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	1871.7	0.1	1871.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.8	2.4
10°-20°	88.1	4.7
20°-30°	125.7	6.7
30°-40°	182.3	9.7
40°-50°	260.9	13.9
50°-60°	400.5	21.4
60°-70°	463.6	24.8
70°-80°	236.5	12.6
80°-90°	68.3	3.6
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°	1871.7	100.0
0°-180°	1871.8	100.0



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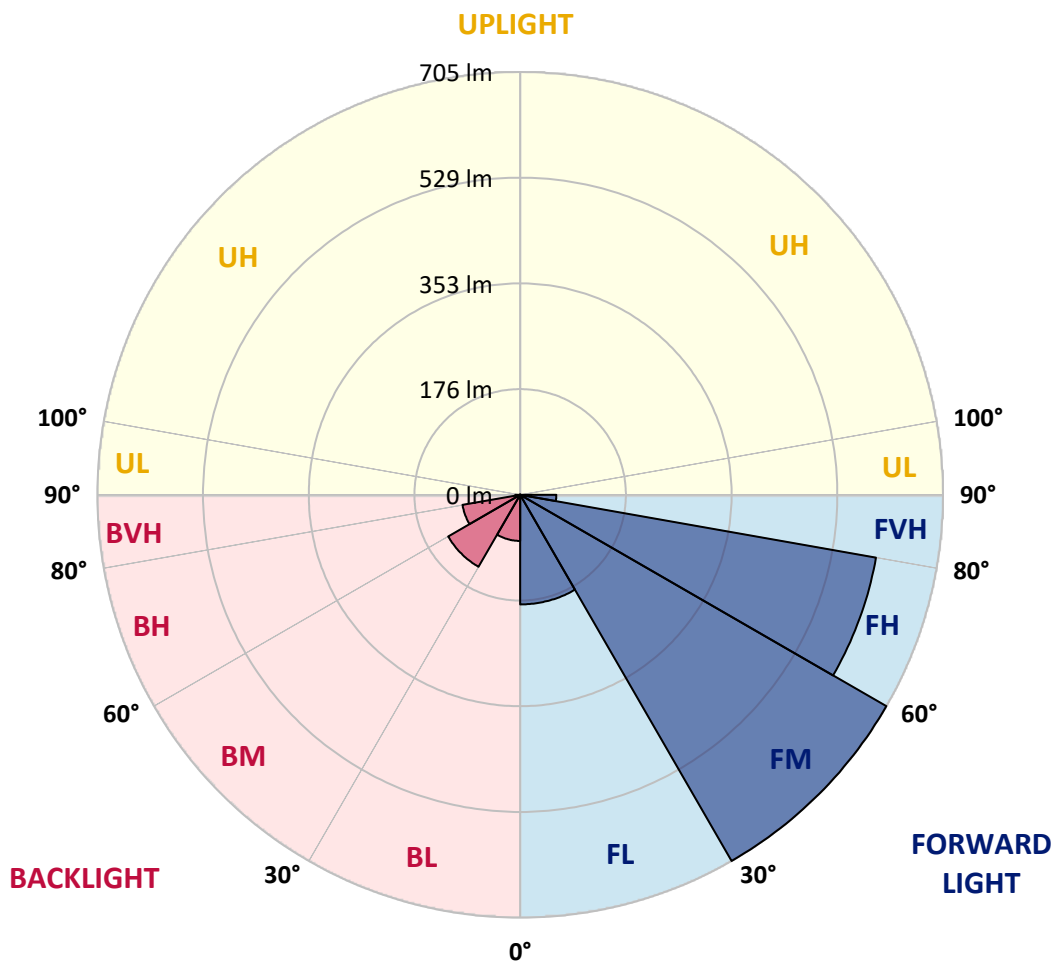
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	182.8	9.8			
FM	(30°-60°)	705.1	37.7			
FH	(60°-80°)	602.4	32.2			G0/660
FVH	(80°-90°)	60.3	3.2			G1/100
BL	(0°-30°)	76.9	4.1	B0/110		
BM	(30°-60°)	138.6	7.4	B0/220		
BH	(60°-80°)	97.6	5.2	B0/110		G0/110
BVH	(80°-90°)	7.9	0.4			G0/10
UL	(90°-100°)	0.1	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

**BUG Rating: B0-U1-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	640.1	636.3	631.6	623.4	616.1	605.7	603.2	590.4	582.1	584.1	569.3
5°	601.1	598.8	587.2	568.9	556.9	533.3	519.8	512.8	493.3	490.8	485.4
7.5°	546.2	539.6	520.7	498.0	477.6	460.2	438.6	421.8	407.0	397.9	381.8
10°	499.3	492.5	471.9	444.1	419.6	395.3	377.6	356.0	334.9	318.4	305.5
12.5°	476.6	469.1	445.1	413.0	385.6	355.3	330.5	309.1	297.4	289.2	278.5
15°	485.4	474.5	445.8	407.3	373.2	341.2	314.7	291.7	277.8	265.2	252.6
17.5°	521.1	507.5	474.8	428.4	381.2	339.6	301.8	275.6	253.6	234.6	217.7
20°	582.1	572.1	524.5	459.7	398.2	340.5	290.7	256.5	229.7	205.7	183.1
22.5°	653.7	638.5	591.9	501.8	419.9	346.2	283.9	240.4	208.6	176.3	151.8
25°	728.6	716.9	655.2	558.6	453.4	357.9	278.5	226.1	183.6	148.0	120.9
27.5°	789.1	778.7	717.6	613.0	483.8	367.9	270.6	212.6	163.9	120.9	91.1
30°	838.6	829.8	765.7	657.8	521.1	371.4	259.6	196.9	141.8	97.6	75.3
32.5°	894.0	884.2	812.1	688.9	537.7	368.2	246.9	182.1	124.1	86.2	64.6
35°	954.8	943.5	863.8	722.7	551.6	357.3	236.3	171.4	115.6	78.4	57.3
37.5°	1009.0	1001.7	910.4	756.0	567.3	338.9	225.8	159.7	110.0	72.8	51.7
40°	1051.2	1049.3	962.1	783.7	579.7	325.7	217.4	150.6	102.7	70.6	49.8
42.5°	1085.2	1084.6	1004.2	808.7	582.8	314.0	210.7	142.4	96.1	65.1	50.8
45°	1118.0	1117.7	1045.2	843.3	585.0	314.7	205.7	137.4	90.4	61.7	47.9
47.5°	1149.2	1154.0	1088.0	891.5	608.3	325.4	203.8	132.6	86.0	58.0	45.4
50°	1201.4	1196.7	1155.8	956.7	645.8	346.2	200.6	128.5	81.8	54.4	42.8
52.5°	1300.7	1295.4	1258.7	1044.0	686.8	367.7	196.5	122.9	77.2	50.8	40.1
55°	1421.9	1429.2	1378.4	1150.1	742.4	385.6	192.1	115.3	70.9	46.4	38.1
57.5°	1493.2	1487.1	1429.2	1211.3	776.9	394.7	189.4	106.4	61.2	42.5	36.2
59°	1509.8	1499.8	1420.7	1221.7	785.9	390.3	187.7	97.9	56.1	40.6	35.2
60°	1508.3	1495.9	1407.1	1215.0	788.5	384.9	185.2	93.0	53.2	39.6	34.9
62.5°	1475.8	1456.6	1330.3	1135.0	753.2	358.2	174.8	80.9	49.5	38.4	33.1
65°	1402.2	1375.0	1201.1	978.7	672.2	305.0	151.3	76.5	50.5	37.8	31.8
67.5°	1274.9	1253.1	1035.2	809.9	535.7	246.3	130.7	74.6	51.7	38.4	29.9
70°	1037.0	1018.5	807.7	606.4	401.4	195.9	118.8	73.8	50.8	36.9	28.4
72.5°	731.5	699.3	536.7	424.6	254.5	157.6	103.0	69.6	49.5	35.7	25.8
75°	445.1	451.1	341.2	309.4	160.7	108.1	80.9	58.6	43.7	31.8	23.4
77.5°	293.6	293.3	251.6	218.3	81.6	67.1	57.3	45.1	34.3	26.1	20.1
80°	199.1	201.3	182.7	149.0	45.4	40.3	37.5	32.8	25.2	19.9	16.7
82.5°	122.6	122.9	141.4	111.5	30.3	25.5	24.0	22.1	18.0	15.5	12.9
85°	42.5	43.5	49.5	78.7	20.5	16.7	16.7	15.5	13.6	10.4	8.5
87.5°	18.2	18.0	21.4	21.4	10.2	8.5	7.8	7.8	7.5	5.7	4.7
90°	1.3	1.0	1.0	1.3	1.5	2.2	1.9	2.2	2.2	1.9	1.3
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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**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°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	564.9	561.4	551.6	549.0	552.2	545.9	544.4	542.8	531.1	537.1	530.2
5°	472.1	471.3	451.4	455.5	451.4	444.5	441.7	448.3	436.6	439.1	440.7
7.5°	362.8	359.1	345.8	337.0	331.7	327.1	321.1	311.3	318.8	317.2	329.2
10°	294.6	286.3	278.1	265.9	258.9	252.3	245.3	241.6	232.8	231.9	227.8
12.5°	270.0	258.4	247.9	237.2	230.0	216.7	205.7	198.7	193.0	184.3	177.7
15°	237.2	227.5	213.9	203.5	192.1	180.2	169.5	160.7	156.6	148.4	144.5
17.5°	204.2	189.4	172.9	162.5	146.9	134.5	125.8	120.0	114.1	109.1	104.7
20°	164.4	145.3	127.6	114.4	102.0	90.1	86.0	79.1	76.5	74.6	76.3
22.5°	125.0	105.2	87.0	76.9	70.2	67.1	63.6	62.3	61.4	61.2	61.7
25°	91.6	75.0	66.1	62.3	59.8	58.0	56.8	55.8	55.2	54.8	55.2
27.5°	70.9	62.1	57.6	55.2	53.2	52.0	51.3	50.5	50.0	49.8	50.0
30°	61.4	56.8	53.6	51.0	48.8	46.6	45.6	45.4	45.6	46.0	45.6
32.5°	53.6	50.0	46.6	44.5	42.8	41.6	41.6	41.0	41.0	42.0	42.2
35°	48.5	45.1	42.5	39.6	37.8	36.5	35.7	34.9	35.2	35.2	36.2
37.5°	44.5	42.0	39.6	37.2	35.2	34.0	33.3	32.8	32.5	32.1	32.1
40°	41.6	40.1	38.1	35.7	33.7	32.5	31.8	31.2	30.9	30.5	30.5
42.5°	41.6	38.4	37.2	34.9	32.8	31.5	30.5	29.9	29.3	29.3	29.3
45°	45.6	39.3	37.2	34.7	32.5	30.9	29.9	28.9	28.4	28.4	28.0
47.5°	44.5	44.1	37.8	34.7	32.8	30.9	29.6	28.7	28.0	27.7	27.4
50°	42.2	46.0	42.2	35.7	32.8	30.5	29.3	28.4	27.4	27.1	27.1
52.5°	41.0	42.8	43.7	36.9	33.1	30.5	28.9	28.0	27.4	26.8	26.5
55°	37.8	40.3	42.0	36.2	33.1	29.9	28.4	27.4	26.5	26.1	25.8
57.5°	34.7	36.5	40.3	36.2	32.1	29.6	27.7	26.5	25.8	25.5	25.2
59°	33.7	33.7	35.9	37.2	31.5	29.3	27.4	26.1	25.5	25.2	24.5
60°	32.8	32.8	34.0	38.1	31.2	28.9	27.1	25.8	25.0	25.0	24.5
62.5°	31.5	30.5	31.2	35.7	30.3	28.4	26.5	25.2	24.3	24.3	24.0
65°	29.9	28.7	28.7	29.6	28.4	27.1	25.8	24.5	23.4	23.4	23.6
67.5°	28.4	27.1	26.8	26.8	26.1	25.8	24.5	23.4	22.6	22.6	22.6
70°	26.1	25.2	25.0	24.3	24.3	24.0	23.0	22.1	21.4	21.6	21.4
72.5°	23.6	23.0	22.4	22.4	22.1	21.6	20.8	20.1	19.9	20.1	20.1
75°	21.1	20.1	20.1	19.5	19.5	19.2	18.2	18.0	17.7	18.0	18.2
77.5°	18.0	17.3	17.0	17.0	17.0	17.0	15.7	15.5	15.5	16.1	16.1
80°	14.8	14.6	14.1	14.1	14.1	13.8	13.3	12.9	12.9	13.3	13.6
82.5°	11.4	10.7	10.7	11.0	11.4	11.4	10.4	9.7	9.7	10.4	11.0
85°	7.5	7.5	7.5	7.8	7.8	8.2	7.5	6.6	7.0	7.3	8.2
87.5°	4.1	4.4	4.1	3.9	4.4	4.1	4.1	3.9	4.1	4.4	4.7
90°	1.3	1.3	1.0	0.6	0.3	0.6	0.6	1.0	0.3	0.3	0.6
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-350-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: P271756  
 CATALOG NUMBER: ISW-AF-350-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	536.5	531.1	528.2	539.3	538.4	528.9	528.9	535.5	535.7	530.2	536.7
5°	442.5	437.3	442.2	437.8	440.3	440.1	443.9	436.9	439.8	437.3	431.3
7.5°	328.2	338.9	344.6	337.3	346.6	351.2	344.6	351.2	340.9	332.4	340.5
10°	225.8	237.8	235.6	247.3	251.6	254.2	258.9	253.0	245.7	243.5	237.5
12.5°	175.2	172.7	171.7	176.3	179.2	175.2	178.7	174.8	171.0	164.4	164.1
15°	137.0	132.9	130.2	124.8	122.9	123.8	125.3	125.3	117.8	118.1	120.9
17.5°	103.9	103.0	100.8	96.4	93.5	94.5	94.2	92.6	91.6	92.3	95.8
20°	78.2	77.2	78.4	79.7	78.7	79.1	77.8	76.3	75.5	76.3	76.9
22.5°	61.7	63.0	64.6	66.5	66.7	68.3	68.0	68.3	67.1	66.5	64.9
25°	56.4	57.0	56.1	56.4	56.4	58.0	57.6	57.6	56.4	56.1	56.4
27.5°	49.8	49.5	49.5	50.0	50.0	51.0	51.7	51.0	49.8	49.5	49.8
30°	46.0	45.6	45.4	45.6	45.4	45.6	46.4	46.4	45.6	44.7	45.1
32.5°	42.2	42.2	42.0	42.2	42.0	42.0	42.5	41.6	41.6	41.2	41.2
35°	37.2	37.8	38.4	38.8	38.8	38.8	39.3	38.4	38.1	37.8	37.8
37.5°	32.1	32.8	34.7	35.7	35.9	36.5	36.9	36.2	35.7	34.9	34.3
40°	30.5	30.5	31.2	32.5	33.7	34.0	34.7	33.7	33.3	32.5	31.5
42.5°	29.3	29.6	29.6	29.9	30.3	30.9	31.8	30.9	30.3	29.6	28.7
45°	28.4	28.4	28.4	28.4	28.0	28.0	28.4	27.7	27.4	27.1	27.1
47.5°	27.7	27.4	27.1	26.8	26.5	26.1	26.1	25.5	25.5	25.5	25.5
50°	27.1	26.5	26.1	25.8	25.2	25.2	25.2	24.5	24.3	24.3	24.5
52.5°	26.1	25.8	25.5	25.2	25.0	24.5	24.5	24.0	23.6	23.6	23.6
55°	25.8	25.5	25.0	24.5	24.3	24.5	24.3	24.0	23.4	23.4	23.4
57.5°	25.0	25.2	25.0	24.3	24.3	24.3	24.3	23.6	23.4	22.6	23.0
59°	24.5	25.0	24.5	24.3	24.0	24.3	24.3	23.4	23.0	22.6	22.6
60°	24.3	24.5	24.3	24.0	24.0	24.3	24.0	23.6	23.0	22.1	22.4
62.5°	24.0	24.0	23.6	23.6	23.4	23.6	23.4	22.6	22.1	21.4	21.1
65°	23.4	23.4	23.0	23.0	22.6	22.6	22.6	22.1	21.4	20.8	20.8
67.5°	23.0	22.6	22.4	22.4	22.1	22.1	22.1	21.4	20.5	20.1	19.9
70°	21.6	21.4	21.4	21.1	20.8	21.1	21.4	20.5	19.5	19.0	18.5
72.5°	20.5	20.1	20.1	19.9	19.9	20.1	20.5	19.5	18.2	17.7	17.3
75°	18.5	18.2	18.2	18.2	18.2	19.0	19.0	18.0	17.0	16.1	15.5
77.5°	16.1	16.3	16.3	16.3	16.3	17.0	17.0	16.3	15.5	14.8	13.8
80°	13.8	13.8	14.1	14.1	14.6	14.6	14.1	13.8	13.6	12.9	11.7
82.5°	11.7	11.7	11.7	11.7	11.7	11.4	10.7	11.4	11.4	10.7	9.7
85°	9.2	9.2	9.2	9.4	9.4	8.5	7.5	7.5	8.5	8.2	7.5
87.5°	5.4	5.4	5.7	6.6	6.0	5.7	4.7	5.0	4.7	5.4	4.4
90°	1.3	1.0	1.0	0.3	0.6	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: P271756  
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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: P271756  
 NUMBER: ISW-AF-350-LED-E1-SLR-7027

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	110°	0.0
537.5	538.6	541.5	540.6	551.0	547.8	555.1	564.9	573.9	569.5	570.9	112.5°	0.0
442.0	443.5	431.5	438.8	449.5	445.1	443.5	458.0	454.5	470.9	457.3	115°	0.0
327.3	323.5	317.8	315.0	307.1	307.1	322.0	328.6	327.6	338.9	350.6	117.5°	0.0
230.0	225.6	218.6	216.7	224.6	228.3	235.0	241.6	250.4	263.3	270.9	120°	0.0
168.8	167.3	168.8	173.6	180.8	186.2	196.3	207.9	217.7	228.1	238.1	122.5°	0.0
127.6	130.7	134.8	138.0	143.7	153.7	159.1	171.9	180.8	189.9	201.6	125°	0.0
99.3	101.1	102.0	103.3	108.1	115.3	115.3	128.5	140.1	152.2	162.0	127.5°	0.0
75.5	75.5	72.4	74.3	75.0	74.3	78.2	85.7	93.2	101.1	116.6	130°	0.0
63.3	61.4	60.5	60.2	60.5	61.7	64.0	66.7	68.0	71.5	77.5	132.5°	0.0
56.1	55.8	54.8	54.8	55.4	55.8	58.0	60.5	61.2	62.1	64.3	135°	0.0
49.5	50.0	51.0	50.8	51.0	51.7	53.2	55.4	56.8	57.0	58.6	137.5°	0.0
44.7	45.4	45.6	46.6	46.6	46.9	48.1	50.5	51.3	52.9	54.4	140°	0.0
41.6	42.0	42.2	42.0	42.2	42.2	43.7	46.0	47.3	48.1	49.1	142.5°	0.0
38.1	37.8	37.8	37.8	36.9	36.5	37.2	39.3	39.6	40.6	42.8	145°	0.0
34.0	33.1	32.5	32.5	32.5	32.8	34.3	36.5	36.9	37.8	39.6	147.5°	0.0
30.3	29.9	29.9	30.3	30.5	31.2	32.5	34.7	34.9	35.9	37.5	150°	0.0
28.4	28.4	28.4	28.7	28.9	29.3	30.9	33.1	33.7	34.7	36.5	152.5°	0.0
27.1	27.4	27.1	27.1	27.4	28.0	29.6	32.1	33.1	34.0	35.9	155°	0.0
26.1	26.1	26.1	26.5	26.5	27.1	28.9	31.5	32.1	33.3	36.2	157.5°	0.0
25.0	25.5	25.2	25.5	25.8	26.5	28.4	30.9	31.8	33.7	36.9	160°	0.0
24.3	24.3	24.3	24.5	25.2	25.5	27.1	29.9	31.2	33.7	38.8	162.5°	0.0
24.0	23.4	23.4	23.6	24.3	25.0	26.5	29.3	30.9	33.3	38.4	165°	0.0
23.6	22.6	22.4	22.6	23.4	23.6	25.5	28.4	30.5	32.5	37.2	167.5°	0.0
22.6	22.1	21.6	22.1	22.6	23.4	25.0	27.7	29.3	31.8	35.7	170°	0.0
22.4	21.4	21.4	21.6	22.4	22.6	24.3	27.1	28.7	32.1	36.5	172.5°	0.0
21.1	20.8	20.8	21.1	21.1	21.6	23.6	26.5	27.7	32.8	30.5	175°	0.0
20.1	20.1	20.1	20.1	20.5	20.8	23.0	25.8	26.5	28.4	26.1	177.5°	0.0
19.5	19.5	19.5	19.5	19.5	20.1	22.1	25.0	25.2	25.0	24.0	180°	0.0
18.2	18.2	18.2	18.2	18.5	19.0	20.8	23.4	23.4	22.6	22.6		
17.3	17.0	17.0	17.0	17.0	17.3	19.2	21.6	21.4	21.1	21.1		
15.5	15.5	15.5	15.5	15.5	15.5	17.3	19.9	19.5	19.2	19.0		
13.6	13.6	13.8	13.6	13.3	12.9	14.8	17.7	17.7	17.3	17.0		
11.7	11.4	11.7	11.4	10.7	10.7	12.3	14.8	15.1	14.8	14.1		
9.4	9.2	9.2	9.2	7.8	7.8	9.4	11.9	11.9	11.7	11.0		
7.3	7.0	6.6	6.3	5.4	5.4	6.6	8.8	9.2	7.8	7.5		
3.9	3.9	3.9	2.9	2.5	2.2	3.4	5.4	5.4	4.4	3.9		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

271756  
 ISW-AF-350-LED-E1-SLR-7027

REPORT NUMBER: P271756  
 CATALOG NUMBER: ISW-AF-3!

**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°	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	578.7	581.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	467.5	478.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	353.4	368.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	283.1	293.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	248.5	263.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	213.3	229.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	174.8	194.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	133.6	152.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	93.9	110.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	68.3	75.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	60.7	63.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	57.0	58.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	51.3	53.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	45.1	47.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	42.0	43.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	40.1	40.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	38.4	38.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	37.5	38.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	38.1	42.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	42.8	41.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	43.7	39.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	40.1	37.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	35.9	32.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	32.1	30.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	29.9	29.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	27.4	28.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	25.5	26.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	24.5	25.5
										70°	23.0	23.6
										72.5°	21.4	21.6
										75°	19.2	19.5
										77.5°	17.0	17.0
										80°	13.8	13.8
										82.5°	10.7	10.4
										85°	7.0	6.6
										87.5°	3.1	2.5
										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: P271756

CATALOG NUMBER: ISW-AF-350-LED-E1-

50-LED-E1-SLR-7027

**tinued):**

**CANDELA DISTRIBUTION (continued):**

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	110°	0.0	0.0	0.0
595.7	604.5	611.5	610.2	625.0	633.8	635.0	644.3	653.0	112.5°	0.0	0.0	0.0
487.3	499.5	511.6	520.4	543.7	562.9	577.7	593.5	612.0	115°	0.0	0.0	0.0
388.3	398.8	418.3	432.5	457.1	479.4	501.2	526.0	547.2	117.5°	0.0	0.0	0.0
304.3	317.6	335.8	362.3	384.4	409.9	437.3	460.9	496.1	120°	0.0	0.0	0.0
273.4	281.6	296.7	309.4	336.8	363.8	394.7	427.1	459.7	122.5°	0.0	0.0	0.0
241.6	256.1	270.3	288.5	312.5	342.2	375.5	410.4	447.0	125°	0.0	0.0	0.0
210.7	230.0	245.3	265.2	291.9	329.5	373.0	416.5	459.3	127.5°	0.0	0.0	0.0
172.9	190.9	218.0	238.1	273.2	320.1	375.9	435.9	494.0	130°	0.0	0.0	0.0
136.1	155.2	186.2	216.1	254.5	315.0	387.2	468.1	545.6	132.5°	0.0	0.0	0.0
97.4	123.4	154.0	191.9	238.5	311.8	402.6	507.8	612.0	135°	0.0	0.0	0.0
72.8	91.1	128.2	169.5	220.5	306.2	419.0	544.6	657.4	137.5°	0.0	0.0	0.0
64.9	77.8	102.0	145.5	198.4	295.1	431.3	579.7	698.7	140°	0.0	0.0	0.0
56.8	66.7	86.0	122.9	178.7	278.1	436.6	598.2	727.4	142.5°	0.0	0.0	0.0
49.8	59.2	78.7	114.1	168.5	258.9	435.7	616.8	763.3	145°	0.0	0.0	0.0
45.4	53.6	75.5	111.7	160.7	241.4	436.6	646.7	816.5	147.5°	0.0	0.0	0.0
42.0	51.3	73.1	107.1	156.8	231.5	440.3	673.2	862.2	150°	0.0	0.0	0.0
42.0	50.8	66.7	100.5	155.0	232.5	442.0	693.6	896.1	152.5°	0.0	0.0	0.0
44.1	47.6	62.1	96.7	156.2	239.4	440.1	714.4	929.3	155°	0.0	0.0	0.0
42.0	44.5	58.9	96.1	156.2	244.5	445.8	740.2	972.8	157.5°	0.0	0.0	0.0
39.6	41.2	58.0	95.1	153.1	249.2	469.1	788.5	1029.5	160°	0.0	0.0	0.0
36.9	38.8	56.8	93.5	149.7	255.2	510.2	869.4	1123.3	162.5°	0.0	0.0	0.0
33.3	37.2	54.8	91.1	147.4	265.9	552.5	951.3	1235.2	165°	0.0	0.0	0.0
32.1	35.7	50.5	85.1	145.3	277.6	597.6	1029.7	1335.7	167.5°	0.0	0.0	0.0
31.2	34.3	46.6	80.7	143.3	283.1	611.2	1059.7	1374.4	170°	0.0	0.0	0.0
30.5	33.7	44.5	76.9	141.1	283.5	620.9	1071.0	1380.1	172.5°	0.0	0.0	0.0
29.6	32.5	40.1	69.0	134.2	283.1	621.9	1078.2	1363.6	175°	0.0	0.0	0.0
28.0	31.2	40.3	64.9	121.6	270.0	582.8	1043.3	1298.5	177.5°	0.0	0.0	0.0
26.8	30.3	42.5	65.8	108.3	236.0	509.7	934.7	1158.9	180°	0.0	0.0	0.0
25.0	29.6	44.5	68.0	104.7	195.9	385.6	763.3	970.6				
23.0	29.3	46.0	69.6	100.5	161.2	267.2	541.2	726.4				
20.8	26.8	42.0	59.2	83.1	117.2	171.9	354.1	500.9				
18.0	21.4	30.5	41.6	61.2	81.8	101.8	213.9	327.6				
14.8	16.1	21.6	26.8	40.6	48.5	56.4	120.6	229.0				
11.0	11.4	14.8	17.0	23.0	26.8	33.7	74.0	185.5				
6.3	7.3	10.2	11.4	13.8	17.0	22.1	47.3	145.5				
2.5	3.1	6.0	6.6	7.5	9.4	12.3	27.4	45.4				
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				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	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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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°	618.3	618.3	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	661.8	668.5	674.1	678.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	631.9	647.4	665.9	681.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	578.7	598.2	628.5	647.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	528.2	556.9	590.1	616.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	494.0	529.6	561.0	590.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	484.5	520.7	549.0	576.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	503.4	539.6	563.9	580.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	547.8	586.5	602.0	600.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	608.6	649.3	649.3	636.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	688.9	718.3	702.1	678.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	746.0	773.4	745.3	706.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	793.2	813.3	777.8	730.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	834.7	849.5	802.6	755.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	884.5	890.0	828.5	778.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	939.6	944.1	865.7	803.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	1004.6	988.9	893.1	826.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1044.5	1018.8	912.9	838.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	1076.1	1040.8	922.0	845.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1114.9	1073.3	938.1	857.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	1165.9	1118.3	978.7	893.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1270.5	1211.5	1051.8	955.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	1390.8	1335.0	1168.7	1057.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	1487.1	1449.7	1273.0	1150.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	1522.8	1506.6	1346.6	1228.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	1536.0	1549.8	1385.7	1276.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	1545.2	1605.3	1512.7	1419.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	1526.2	1614.4	1563.9	1507.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	1444.0	1549.6	1539.8	1489.7
								70°	1275.9	1393.3	1427.4	1356.1
								72.5°	959.9	1105.7	1291.2	1179.7
								75°	625.3	760.1	1102.5	1010.5
								77.5°	391.5	474.5	786.6	707.9
								80°	260.5	305.0	499.3	454.5
								82.5°	195.9	216.1	343.3	322.9
								85°	103.3	131.7	267.2	338.6
								87.5°	38.8	43.2	201.0	302.7
								90°	0.0	0.0	0.3	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: P271756

CATALOG NUMBER: ISW-AF-350-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
618.3	618.3	618.3	618.3	618.3	618.3	618.3	110°	0.0	0.0	0.0	0.0	0.0
682.4	688.0	691.4	688.9	693.0	694.0	689.6	112.5°	0.0	0.0	0.0	0.0	0.0
694.9	710.6	722.0	730.0	733.1	735.9	734.6	115°	0.0	0.0	0.0	0.0	0.0
671.7	695.8	716.9	731.5	736.5	740.2	736.8	117.5°	0.0	0.0	0.0	0.0	0.0
645.8	670.9	690.9	705.3	705.0	708.9	702.1	120°	0.0	0.0	0.0	0.0	0.0
621.4	646.2	663.8	663.1	658.6	647.7	645.8	122.5°	0.0	0.0	0.0	0.0	0.0
602.3	615.2	619.7	618.8	606.1	599.8	598.8	125°	0.0	0.0	0.0	0.0	0.0
592.8	592.3	582.1	571.1	559.1	558.6	550.3	127.5°	0.0	0.0	0.0	0.0	0.0
594.4	573.9	555.3	536.5	523.5	520.7	521.6	130°	0.0	0.0	0.0	0.0	0.0
614.4	578.1	543.0	523.9	508.7	504.4	506.3	132.5°	0.0	0.0	0.0	0.0	0.0
639.1	590.6	547.2	518.0	505.6	500.3	501.2	135°	0.0	0.0	0.0	0.0	0.0
655.9	605.2	560.7	524.5	507.8	502.7	505.9	137.5°	0.0	0.0	0.0	0.0	0.0
677.3	625.0	579.0	541.5	516.6	510.0	512.2	140°	0.0	0.0	0.0	0.0	0.0
698.4	646.4	604.8	562.2	532.1	519.8	523.3	142.5°	0.0	0.0	0.0	0.0	0.0
721.1	671.3	629.4	590.6	555.1	535.7	540.2	145°	0.0	0.0	0.0	0.0	0.0
747.5	700.3	664.4	628.7	592.3	576.2	578.1	147.5°	0.0	0.0	0.0	0.0	0.0
773.0	728.6	705.6	679.2	657.8	633.1	633.1	150°	0.0	0.0	0.0	0.0	0.0
788.2	765.4	759.2	751.6	739.0	721.4	717.6	152.5°	0.0	0.0	0.0	0.0	0.0
806.8	809.2	823.7	838.8	842.7	825.4	820.1	155°	0.0	0.0	0.0	0.0	0.0
841.7	868.2	915.7	957.1	965.2	979.4	963.1	157.5°	0.0	0.0	0.0	0.0	0.0
890.8	939.6	1020.0	1087.4	1106.6	1107.9	1109.1	160°	0.0	0.0	0.0	0.0	0.0
946.9	1016.8	1123.0	1203.4	1237.7	1246.8	1240.2	162.5°	0.0	0.0	0.0	0.0	0.0
1043.0	1106.4	1222.5	1309.2	1353.3	1374.8	1369.1	165°	0.0	0.0	0.0	0.0	0.0
1138.2	1216.9	1319.3	1404.6	1451.6	1475.6	1480.6	167.5°	0.0	0.0	0.0	0.0	0.0
1203.0	1276.7	1371.3	1450.0	1496.3	1525.1	1527.5	170°	0.0	0.0	0.0	0.0	0.0
1242.7	1310.2	1402.4	1471.7	1518.0	1542.3	1551.1	172.5°	0.0	0.0	0.0	0.0	0.0
1363.1	1375.3	1438.4	1484.0	1516.5	1527.5	1534.1	175°	0.0	0.0	0.0	0.0	0.0
1419.4	1368.1	1360.8	1389.2	1392.0	1384.7	1375.7	177.5°	0.0	0.0	0.0	0.0	0.0
1341.0	1221.0	1176.6	1172.7	1161.1	1156.4	1127.5	180°	0.0	0.0	0.0	0.0	0.0
1164.7	991.7	913.3	870.6	896.5	895.6	866.0						
981.3	805.2	703.5	642.3	634.7	633.5	607.6						
797.0	631.9	542.8	513.1	477.6	466.8	471.3						
574.6	451.1	432.3	454.9	457.8	449.5	443.9						
361.9	339.3	357.5	398.8	423.0	412.3	416.5						
301.8	267.2	268.4	311.8	328.2	330.8	322.2						
334.9	267.4	219.3	213.9	208.2	131.1	182.4						
301.8	207.0	121.9	100.5	61.7	35.7	36.9						
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						



REPORT NUMBER: P271756

CATALOG NUMBER: ISW-AF-350-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°	618.3	618.3	618.3	618.3	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	688.6	682.6	676.1	667.2	668.8	658.1
0.0	0.0	0.0	0.0	0.0	0.0	5°	724.8	714.4	700.3	682.4	665.6	644.3
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	721.1	704.5	680.7	653.7	631.6	600.8
0.0	0.0	0.0	0.0	0.0	0.0	10°	688.6	666.9	647.7	619.7	590.9	563.9
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	643.3	631.0	614.4	593.2	565.4	537.7
0.0	0.0	0.0	0.0	0.0	0.0	15°	593.8	594.8	584.7	579.0	565.1	543.0
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	553.2	562.6	568.0	576.8	578.4	567.7
0.0	0.0	0.0	0.0	0.0	0.0	20°	526.0	539.3	556.1	580.2	605.7	616.8
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	511.0	527.3	554.2	598.2	644.8	672.9
0.0	0.0	0.0	0.0	0.0	0.0	25°	508.1	529.8	567.3	621.2	681.7	721.1
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	512.8	541.2	585.7	647.0	706.6	763.6
0.0	0.0	0.0	0.0	0.0	0.0	30°	527.9	561.0	609.6	675.7	737.5	794.1
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	542.5	583.4	637.0	701.6	763.6	820.1
0.0	0.0	0.0	0.0	0.0	0.0	35°	565.8	607.1	661.8	721.4	781.5	845.5
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	601.3	637.5	681.4	736.8	799.5	865.7
0.0	0.0	0.0	0.0	0.0	0.0	40°	652.1	676.1	704.5	748.2	808.4	879.2
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	728.0	733.1	742.8	765.4	816.2	894.9
0.0	0.0	0.0	0.0	0.0	0.0	45°	825.9	810.8	802.4	799.2	833.9	905.0
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	939.6	910.1	876.0	859.7	867.9	921.1
0.0	0.0	0.0	0.0	0.0	0.0	50°	1087.8	1039.6	972.8	925.5	921.4	968.4
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1223.5	1160.5	1076.3	1020.7	997.9	1056.6
0.0	0.0	0.0	0.0	0.0	0.0	55°	1351.7	1303.2	1208.1	1138.8	1130.9	1173.5
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	1464.1	1422.3	1344.4	1254.0	1257.2	1298.5
0.0	0.0	0.0	0.0	0.0	0.0	59°	1522.4	1487.5	1415.4	1323.3	1330.3	1387.1
0.0	0.0	0.0	0.0	0.0	0.0	60°	1543.3	1513.9	1445.2	1367.8	1376.7	1435.5
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	1541.7	1522.8	1473.0	1436.5	1481.6	1524.6
0.0	0.0	0.0	0.0	0.0	0.0	65°	1394.6	1366.0	1360.2	1424.2	1511.1	1552.7
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	1109.1	1122.7	1176.6	1286.6	1432.3	1492.8
						70°	823.7	847.7	919.5	1057.6	1257.9	1362.4
						72.5°	605.7	629.7	695.8	847.1	1034.8	1127.5
						75°	475.3	482.6	530.2	648.9	815.6	891.5
						77.5°	439.1	417.4	397.9	461.5	550.0	615.2
						80°	408.9	367.7	321.6	340.9	362.3	431.5
						82.5°	317.6	290.2	254.2	278.7	288.9	291.1
						85°	185.9	165.4	209.5	296.7	293.6	257.1
						87.5°	65.6	85.1	95.8	164.4	198.7	171.9
						90°	0.0	1.0	2.9	3.1	4.7	1.5
						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: P271756

CATALOG NUMBER: ISW-AF-350-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
618.3	618.3	618.3	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.6	640.7	640.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
627.2	607.3	601.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
573.9	551.0	546.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
529.2	503.7	499.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.3	482.0	476.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.1	488.3	485.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
548.1	519.8	521.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
604.8	586.5	582.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
679.2	659.4	653.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.4	732.4	728.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
788.2	792.8	789.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
824.7	840.5	838.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.2	892.7	894.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
890.0	943.8	954.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.5	997.7	1009.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
952.7	1037.4	1051.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
979.1	1070.2	1085.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.8	1102.5	1118.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.3	1134.0	1149.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.4	1183.4	1201.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.3	1275.1	1300.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1301.4	1401.9	1421.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1424.8	1487.9	1493.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1475.6	1511.5	1509.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1512.7	1517.1	1508.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1532.9	1491.0	1475.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1480.2	1421.9	1402.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1328.4	1297.5	1274.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130.0	1051.8	1037.0								
856.5	753.5	731.5								
598.5	475.0	445.1								
393.5	305.0	293.6								
255.2	202.6	199.1								
178.0	132.9	122.6								
109.3	44.5	42.5								
34.0	20.5	18.2								
1.0	1.3	1.3								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
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359°	360°
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