

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: P227306

Luminaire Tested: **ISW-AF-800-LED-E1-SLR-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227306
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-8030
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3604.7 lumens
Efficiency: N/A
Efficacy: 82.9 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

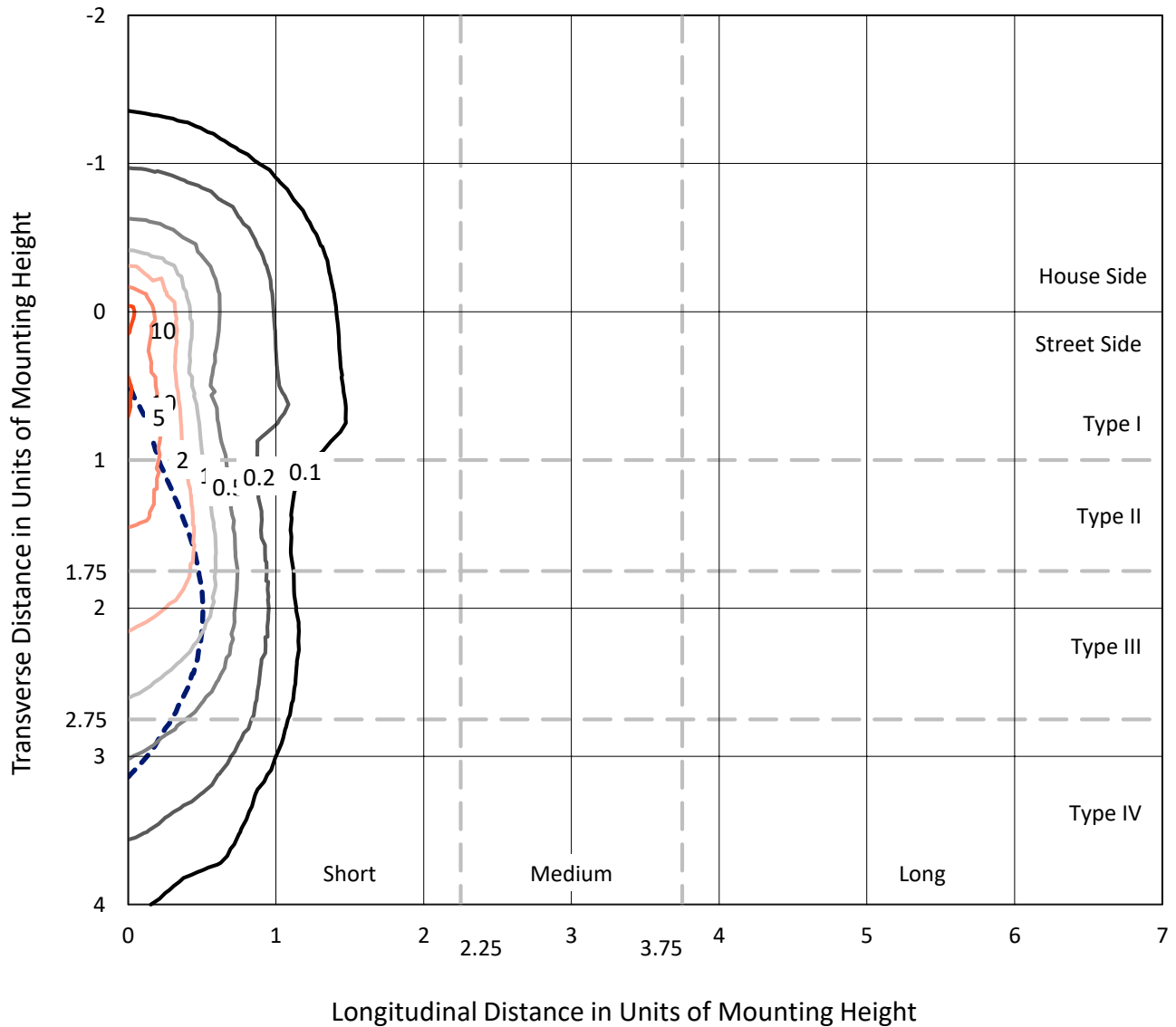
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

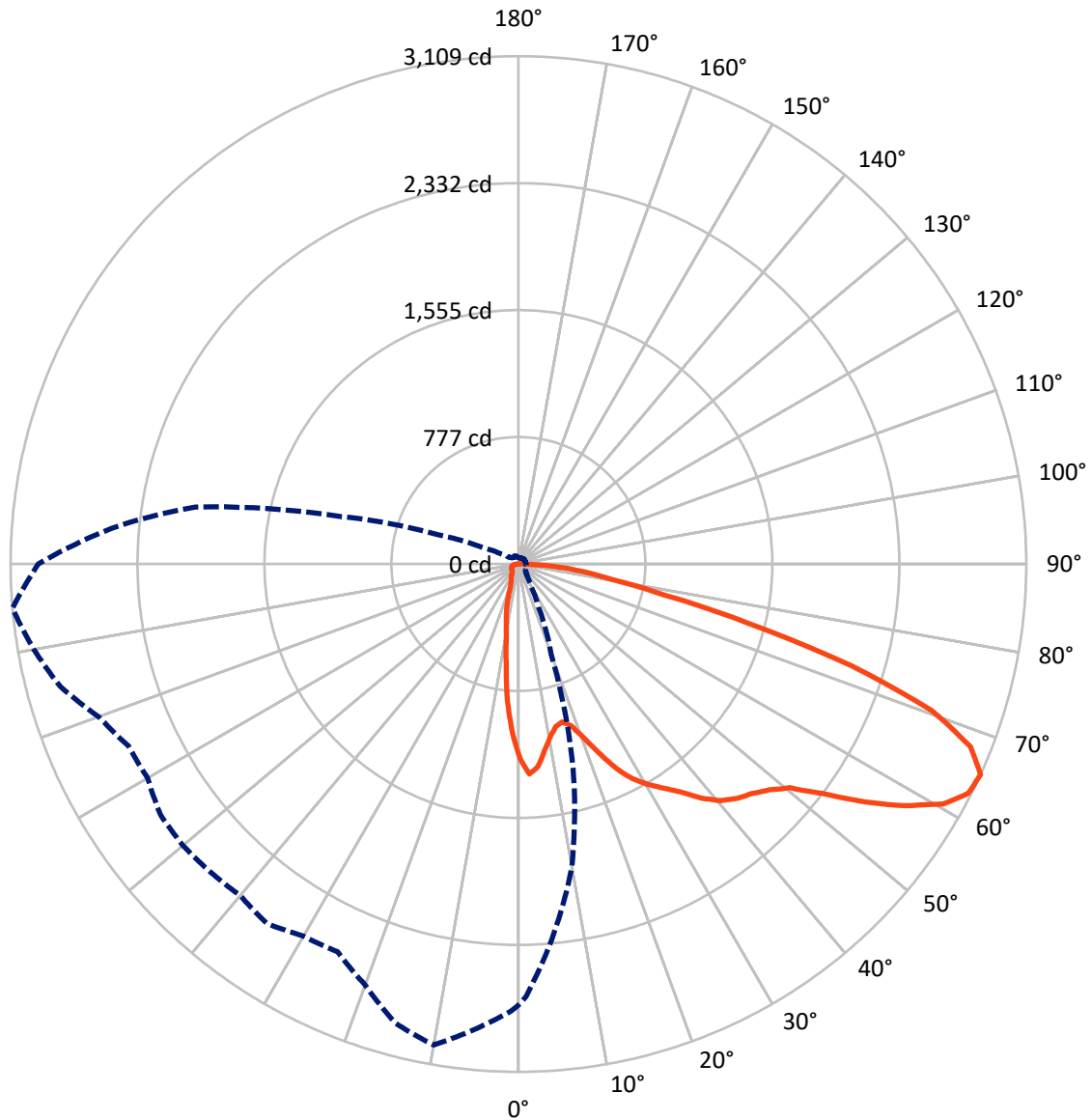
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.9 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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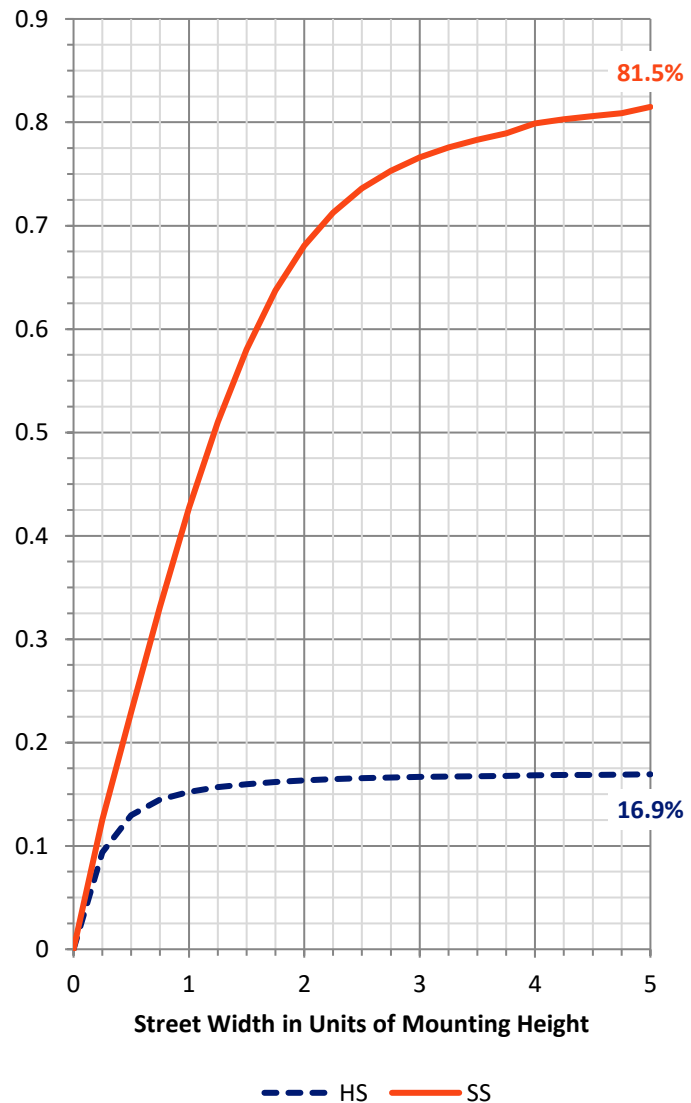
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	618.3	0.0	618.3
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	2986.2	0.1	2986.4
	% Fixture	82.8	0.0	82.8
Total	Lumens	3604.5	0.2	3604.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	2.4
10°-20°	169.8	4.7
20°-30°	242.1	6.7
30°-40°	351.2	9.7
40°-50°	502.4	13.9
50°-60°	771.3	21.4
60°-70°	892.8	24.8
70°-80°	455.4	12.6
80°-90°	131.4	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°	3604.5	100.0
0°-180°	3604.7	100.0



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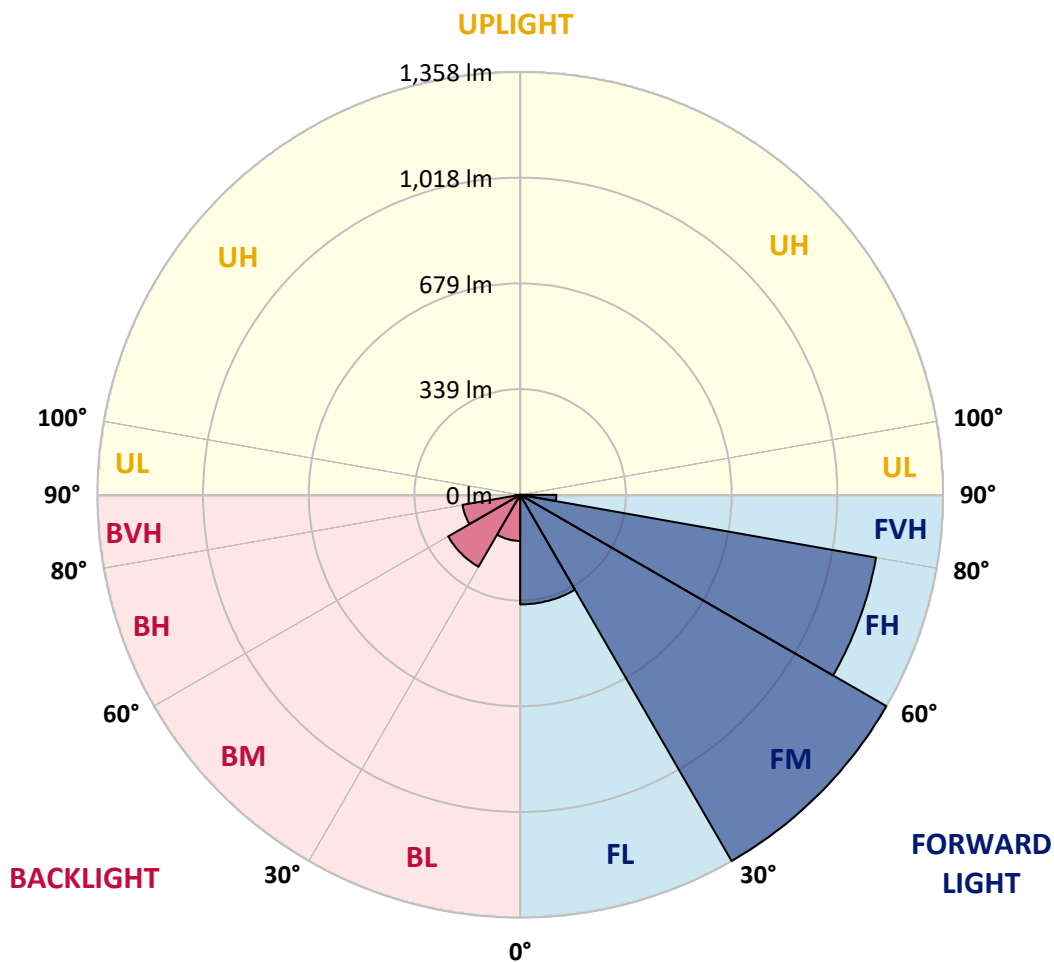
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	352.0	9.8			
FM	(30°-60°)	1357.8	37.7			
FH	(60°-80°)	1160.2	32.2			G1/1800
FVH	(80°-90°)	116.2	3.2			G2/225
BL	(0°-30°)	148.0	4.1	B1/500		
BM	(30°-60°)	267.0	7.4	B1/1000		
BH	(60°-80°)	188.1	5.2	B1/500		G1/500
BVH	(80°-90°)	15.3	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°	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8
2.5°	1232.7	1225.4	1216.3	1200.5	1186.6	1166.6	1161.7	1136.9	1121.1	1124.7	1096.2
5°	1157.5	1153.2	1130.8	1095.6	1072.5	1027.0	1001.0	987.6	950.0	945.2	934.8
7.5°	1051.9	1039.2	1002.8	959.1	919.7	886.3	844.4	812.3	783.8	766.2	735.3
10°	961.5	948.2	908.8	855.4	808.0	761.3	727.4	685.5	644.9	613.3	588.4
12.5°	917.9	903.3	857.2	795.3	742.5	684.3	636.4	595.1	572.7	556.9	536.3
15°	934.8	913.6	858.4	784.4	718.9	657.0	606.0	561.8	535.1	510.8	486.5
17.5°	1003.4	977.3	914.2	825.0	734.0	654.0	581.2	530.8	488.3	451.9	419.2
20°	1121.1	1101.7	1010.1	885.1	766.8	655.8	559.9	493.8	442.2	396.1	352.5
22.5°	1258.8	1229.7	1139.9	966.4	808.7	666.7	546.6	462.9	401.6	339.7	292.4
25°	1403.2	1380.7	1261.8	1075.6	873.0	689.1	536.3	435.6	353.7	285.1	233.0
27.5°	1519.6	1499.6	1381.9	1180.5	931.8	708.6	521.1	409.5	315.5	233.0	175.3
30°	1614.9	1597.9	1474.8	1266.7	1003.4	715.2	499.9	379.2	273.0	188.1	145.0
32.5°	1721.7	1702.8	1563.9	1326.7	1035.5	709.2	475.6	350.6	239.0	166.2	124.4
35°	1838.7	1816.9	1663.4	1391.6	1062.2	687.9	455.0	330.0	222.6	151.1	110.4
37.5°	1943.1	1929.1	1753.2	1455.9	1092.6	652.7	435.0	307.6	211.7	140.1	99.5
40°	2024.4	2020.7	1852.7	1509.3	1116.2	627.3	418.6	290.0	197.8	135.9	95.8
42.5°	2089.9	2088.7	1934.0	1557.3	1122.3	604.8	405.8	274.2	185.0	125.6	97.7
45°	2153.0	2152.4	2012.8	1624.0	1126.5	606.0	396.1	264.5	174.1	118.9	92.2
47.5°	2213.0	2222.1	2095.3	1716.8	1171.4	626.7	392.5	255.4	165.6	111.6	87.4
50°	2313.7	2304.6	2225.8	1842.4	1243.6	666.7	386.4	247.5	157.7	104.9	82.5
52.5°	2504.8	2494.5	2424.1	2010.4	1322.5	708.0	378.5	236.6	148.6	97.7	77.0
55°	2738.4	2752.3	2654.7	2214.9	1429.9	742.5	370.1	222.0	136.5	89.2	73.4
57.5°	2875.5	2864.0	2752.3	2332.5	1496.0	760.1	364.6	205.0	117.7	81.9	69.8
59°	2907.6	2888.2	2736.0	2352.6	1513.6	751.6	361.6	188.7	108.0	78.3	67.9
60°	2904.6	2881.0	2709.9	2339.8	1518.4	741.3	356.7	179.0	102.5	76.4	67.3
62.5°	2842.1	2805.1	2561.9	2185.7	1450.5	689.8	336.7	155.9	95.2	74.0	63.7
65°	2700.2	2648.0	2313.1	1884.8	1294.6	587.2	291.2	147.4	97.1	72.8	61.3
67.5°	2455.1	2413.2	1993.4	1559.7	1031.9	474.4	251.8	143.8	99.5	74.0	57.6
70°	1997.1	1961.3	1555.4	1167.8	772.9	377.3	228.7	142.0	97.7	71.0	54.6
72.5°	1408.6	1346.7	1033.7	817.8	490.2	303.3	198.4	134.1	95.2	68.6	49.7
75°	857.2	868.7	657.0	595.7	309.4	208.1	155.9	112.8	84.3	61.3	44.9
77.5°	565.4	564.8	484.7	420.4	157.1	129.2	110.4	86.8	66.1	50.4	38.8
80°	383.4	387.6	351.9	286.9	87.4	77.7	72.2	63.1	48.5	38.2	32.2
82.5°	236.0	236.6	272.4	214.8	58.2	49.1	46.1	42.5	34.6	29.7	24.9
85°	81.9	83.7	95.2	151.7	39.4	32.2	32.2	29.7	26.1	20.0	16.4
87.5°	35.2	34.6	41.3	41.3	19.4	16.4	15.2	15.2	14.6	10.9	9.1
90°	2.4	1.8	1.8	2.4	3.0	4.2	3.6	4.2	4.2	3.6	2.4
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



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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°	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8
2.5°	1087.7	1081.0	1062.2	1057.4	1063.4	1051.3	1048.3	1045.2	1022.8	1034.3	1021.0
5°	909.4	907.5	869.3	877.2	869.3	856.0	850.5	863.3	840.8	845.7	848.7
7.5°	698.9	691.6	666.1	649.1	638.8	629.7	618.2	599.4	613.9	610.9	633.9
10°	567.2	551.4	535.7	512.0	498.7	485.9	472.6	465.3	448.3	446.5	438.6
12.5°	519.9	497.4	477.4	456.8	442.8	417.4	396.1	382.8	371.9	354.9	342.1
15°	456.8	438.0	411.9	391.9	370.1	347.0	326.4	309.4	301.5	285.7	278.4
17.5°	393.1	364.6	333.0	313.0	282.7	259.0	242.1	231.1	219.6	209.9	201.4
20°	316.7	279.7	245.7	220.2	196.6	173.5	165.6	152.3	147.4	143.8	146.8
22.5°	240.8	202.6	167.4	148.0	135.3	129.2	122.5	120.1	118.3	117.7	118.9
25°	176.5	144.4	127.4	120.1	115.3	111.6	109.2	107.4	106.2	105.6	106.2
27.5°	136.5	119.5	111.0	106.2	102.5	100.1	98.9	97.1	96.5	95.8	96.5
30°	118.3	109.2	103.1	98.3	94.0	89.8	88.0	87.4	88.0	88.6	88.0
32.5°	103.1	96.5	89.8	85.5	82.5	80.1	80.1	78.9	78.9	80.7	81.3
35°	93.4	86.8	81.9	76.4	72.8	70.4	68.6	67.3	67.9	67.9	69.8
37.5°	85.5	80.7	76.4	71.6	67.9	65.5	64.3	63.1	62.5	61.9	61.9
40°	80.1	77.0	73.4	68.6	64.9	62.5	61.3	60.1	59.5	58.8	58.8
42.5°	80.1	74.0	71.6	67.3	63.1	60.7	58.8	57.6	56.4	56.4	56.4
45°	88.0	75.8	71.6	66.7	62.5	59.5	57.6	55.8	54.6	54.6	54.0
47.5°	85.5	84.9	72.8	66.7	63.1	59.5	57.0	55.2	54.0	53.4	52.8
50°	81.3	88.6	81.3	68.6	63.1	58.8	56.4	54.6	52.8	52.2	52.2
52.5°	78.9	82.5	84.3	71.0	63.7	58.8	55.8	54.0	52.8	51.6	51.0
55°	72.8	77.7	80.7	69.8	63.7	57.6	54.6	52.8	51.0	50.4	49.7
57.5°	66.7	70.4	77.7	69.8	61.9	57.0	53.4	51.0	49.7	49.1	48.5
59°	64.9	64.9	69.2	71.6	60.7	56.4	52.8	50.4	49.1	48.5	47.3
60°	63.1	63.1	65.5	73.4	60.1	55.8	52.2	49.7	47.9	47.9	47.3
62.5°	60.7	58.8	60.1	68.6	58.2	54.6	51.0	48.5	46.7	46.7	46.1
65°	57.6	55.2	55.2	57.0	54.6	52.2	49.7	47.3	44.9	44.9	45.5
67.5°	54.6	52.2	51.6	51.6	50.4	49.7	47.3	44.9	43.7	43.7	43.7
70°	50.4	48.5	47.9	46.7	46.7	46.1	44.3	42.5	41.3	41.9	41.3
72.5°	45.5	44.3	43.1	43.1	42.5	41.9	40.0	38.8	38.2	38.8	38.8
75°	40.6	38.8	38.8	37.6	37.6	37.0	35.2	34.6	34.0	34.6	35.2
77.5°	34.6	33.4	32.8	32.8	32.8	32.8	30.3	29.7	29.7	30.9	30.9
80°	28.5	27.9	27.3	27.3	27.3	26.7	25.5	24.9	24.9	25.5	26.1
82.5°	21.8	20.6	20.6	21.2	21.8	21.8	20.0	18.8	18.8	20.0	21.2
85°	14.6	14.6	14.6	15.2	15.2	15.8	14.6	12.7	13.3	14.0	15.8
87.5°	7.9	8.5	7.9	7.3	8.5	7.9	7.9	7.3	7.9	8.5	9.1
90°	2.4	2.4	1.8	1.2	0.6	1.2	1.2	1.8	0.6	0.6	1.2
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-8030

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: P227306

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8
2.5°	1033.1	1022.8	1017.3	1038.6	1036.8	1018.6	1018.6	1031.3	1031.9	1021.0	1033.7
5°	852.3	842.0	851.7	843.2	848.1	847.5	854.8	841.4	846.9	842.0	830.5
7.5°	632.1	652.7	663.7	649.7	667.3	676.4	663.7	676.4	656.4	640.0	655.8
10°	435.0	458.0	453.8	476.2	484.7	489.6	498.7	487.1	473.2	468.9	457.4
12.5°	337.3	332.4	330.6	339.7	345.2	337.3	344.0	336.7	329.4	316.7	316.1
15°	263.9	256.0	250.5	240.2	236.6	238.4	241.4	241.4	226.9	227.5	233.0
17.5°	200.2	198.4	194.1	185.6	180.2	182.0	181.4	178.4	176.5	177.7	184.4
20°	150.4	148.6	151.1	153.5	151.7	152.3	149.8	146.8	145.6	146.8	148.0
22.5°	118.9	121.3	124.4	128.0	128.6	131.6	131.0	131.6	129.2	128.0	125.0
25°	108.6	109.8	108.0	108.6	108.6	111.6	111.0	111.0	108.6	108.0	108.6
27.5°	95.8	95.2	95.2	96.5	96.5	98.3	99.5	98.3	95.8	95.2	95.8
30°	88.6	88.0	87.4	88.0	87.4	88.0	89.2	89.2	88.0	86.1	86.8
32.5°	81.3	81.3	80.7	81.3	80.7	80.7	81.9	80.1	80.1	79.5	79.5
35°	71.6	72.8	74.0	74.6	74.6	74.6	75.8	74.0	73.4	72.8	72.8
37.5°	61.9	63.1	66.7	68.6	69.2	70.4	71.0	69.8	68.6	67.3	66.1
40°	58.8	58.8	60.1	62.5	64.9	65.5	66.7	64.9	64.3	62.5	60.7
42.5°	56.4	57.0	57.0	57.6	58.2	59.5	61.3	59.5	58.2	57.0	55.2
45°	54.6	54.6	54.6	54.6	54.0	54.0	54.6	53.4	52.8	52.2	52.2
47.5°	53.4	52.8	52.2	51.6	51.0	50.4	50.4	49.1	49.1	49.1	49.1
50°	52.2	51.0	50.4	49.7	48.5	48.5	48.5	47.3	46.7	46.7	47.3
52.5°	50.4	49.7	49.1	48.5	47.9	47.3	47.3	46.1	45.5	45.5	45.5
55°	49.7	49.1	47.9	47.3	46.7	47.3	46.7	46.1	44.9	44.9	44.9
57.5°	47.9	48.5	47.9	46.7	46.7	46.7	46.7	45.5	44.9	43.7	44.3
59°	47.3	47.9	47.3	46.7	46.1	46.7	46.7	44.9	44.3	43.7	43.7
60°	46.7	47.3	46.7	46.1	46.1	46.7	46.1	45.5	44.3	42.5	43.1
62.5°	46.1	46.1	45.5	45.5	44.9	45.5	44.9	43.7	42.5	41.3	40.6
65°	44.9	44.9	44.3	44.3	43.7	43.7	43.7	42.5	41.3	40.0	40.0
67.5°	44.3	43.7	43.1	43.1	42.5	42.5	42.5	41.3	39.4	38.8	38.2
70°	41.9	41.3	41.3	40.6	40.0	40.6	41.3	39.4	37.6	36.4	35.8
72.5°	39.4	38.8	38.8	38.2	38.2	38.8	39.4	37.6	35.2	34.0	33.4
75°	35.8	35.2	35.2	35.2	35.2	36.4	36.4	34.6	32.8	30.9	29.7
77.5°	30.9	31.5	31.5	31.5	31.5	32.8	32.8	31.5	29.7	28.5	26.7
80°	26.7	26.7	27.3	27.3	27.9	27.9	27.3	26.7	26.1	24.9	22.4
82.5°	22.4	22.4	22.4	22.4	22.4	21.8	20.6	21.8	21.8	20.6	18.8
85°	17.6	17.6	17.6	18.2	18.2	16.4	14.6	14.6	16.4	15.8	14.6
87.5°	10.3	10.3	10.9	12.7	11.5	10.9	9.1	9.7	9.1	10.3	8.5
90°	2.4	1.8	1.8	0.6	1.2	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



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 CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

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: P227306
 NUMBER: ISW-AF-800-LED-E1-SLR-8030

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION:

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	110°	0.0
1034.9	1037.4	1042.8	1041.0	1061.0	1055.0	1068.9	1087.7	1105.3	1096.8	1099.2	112.5°	0.0
851.1	854.2	831.1	845.1	865.7	857.2	854.2	882.1	875.4	906.9	880.8	115°	0.0
630.3	623.0	612.1	606.6	591.5	591.5	620.0	632.7	630.9	652.7	675.2	117.5°	0.0
442.8	434.4	421.0	417.4	432.5	439.8	452.6	465.3	482.3	507.2	521.7	120°	0.0
325.2	322.1	325.2	334.3	348.2	358.5	377.9	400.4	419.2	439.2	458.6	122.5°	0.0
245.7	251.8	259.6	265.7	276.6	296.0	306.4	331.2	348.2	365.8	388.3	125°	0.0
191.1	194.7	196.6	199.0	208.1	222.0	222.0	247.5	270.0	293.0	311.8	127.5°	0.0
145.6	145.6	139.5	143.2	144.4	143.2	150.4	165.0	179.6	194.7	224.5	130°	0.0
121.9	118.3	116.5	115.9	116.5	118.9	123.1	128.6	131.0	137.7	149.2	132.5°	0.0
108.0	107.4	105.6	105.6	106.8	107.4	111.6	116.5	117.7	119.5	123.8	135°	0.0
95.2	96.5	98.3	97.7	98.3	99.5	102.5	106.8	109.2	109.8	112.8	137.5°	0.0
86.1	87.4	88.0	89.8	89.8	90.4	92.8	97.1	98.9	101.9	104.9	140°	0.0
80.1	80.7	81.3	80.7	81.3	81.3	84.3	88.6	91.0	92.8	94.6	142.5°	0.0
73.4	72.8	72.8	72.8	71.0	70.4	71.6	75.8	76.4	78.3	82.5	145°	0.0
65.5	63.7	62.5	62.5	62.5	63.1	66.1	70.4	71.0	72.8	76.4	147.5°	0.0
58.2	57.6	57.6	58.2	58.8	60.1	62.5	66.7	67.3	69.2	72.2	150°	0.0
54.6	54.6	54.6	55.2	55.8	56.4	59.5	63.7	64.9	66.7	70.4	152.5°	0.0
52.2	52.8	52.2	52.2	52.8	54.0	57.0	61.9	63.7	65.5	69.2	155°	0.0
50.4	50.4	50.4	51.0	51.0	52.2	55.8	60.7	61.9	64.3	69.8	157.5°	0.0
47.9	49.1	48.5	49.1	49.7	51.0	54.6	59.5	61.3	64.9	71.0	160°	0.0
46.7	46.7	46.7	47.3	48.5	49.1	52.2	57.6	60.1	64.9	74.6	162.5°	0.0
46.1	44.9	44.9	45.5	46.7	47.9	51.0	56.4	59.5	64.3	74.0	165°	0.0
45.5	43.7	43.1	43.7	44.9	45.5	49.1	54.6	58.8	62.5	71.6	167.5°	0.0
43.7	42.5	41.9	42.5	43.7	44.9	47.9	53.4	56.4	61.3	68.6	170°	0.0
43.1	41.3	41.3	41.9	43.1	43.7	46.7	52.2	55.2	61.9	70.4	172.5°	0.0
40.6	40.0	40.0	40.6	40.6	41.9	45.5	51.0	53.4	63.1	58.8	175°	0.0
38.8	38.8	38.8	38.8	39.4	40.0	44.3	49.7	51.0	54.6	50.4	177.5°	0.0
37.6	37.6	37.6	37.6	37.6	38.8	42.5	47.9	48.5	47.9	46.1	180°	0.0
35.2	35.2	35.2	35.2	35.8	36.4	40.0	44.9	44.9	43.7	43.7		
33.4	32.8	32.8	32.8	32.8	33.4	37.0	41.9	41.3	40.6	40.6		
29.7	29.7	29.7	29.7	29.7	29.7	33.4	38.2	37.6	37.0	36.4		
26.1	26.1	26.7	26.1	25.5	24.9	28.5	34.0	34.0	33.4	32.8		
22.4	21.8	22.4	21.8	20.6	20.6	23.7	28.5	29.1	28.5	27.3		
18.2	17.6	17.6	17.6	15.2	15.2	18.2	23.1	23.1	22.4	21.2		
14.0	13.3	12.7	12.1	10.3	10.3	12.7	17.0	17.6	15.2	14.6		
7.3	7.3	7.3	5.5	4.9	4.2	6.7	10.3	10.3	8.5	7.3		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227306
 ISW-AF-800-LED-E1-SLR-8030

REPORT NUMBER: P227306
 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°	1190.8	1190.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1114.4	1119.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	900.3	921.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	680.7	709.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	545.4	564.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	478.6	506.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	410.7	441.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	336.7	373.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	257.2	293.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	180.8	211.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	131.6	145.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	117.1	122.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	109.8	113.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	98.9	102.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	86.8	91.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	80.7	84.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	77.0	77.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	74.0	74.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	72.2	74.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	73.4	81.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	82.5	80.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	84.3	75.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	77.0	72.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	69.2	63.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	61.9	58.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	57.6	56.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	52.8	54.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	49.1	51.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	47.3	49.1
										70°	44.3	45.5
										72.5°	41.3	41.9
										75°	37.0	37.6
										77.5°	32.8	32.8
										80°	26.7	26.7
										82.5°	20.6	20.0
										85°	13.3	12.7
										87.5°	6.1	4.9
										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: P227306

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

00-LED-E1-SLR-8030

tinued):

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	110°	0.0	0.0	0.0
1147.2	1164.1	1177.5	1175.1	1203.6	1220.6	1223.0	1240.6	1257.6	112.5°	0.0	0.0	0.0
938.5	962.1	985.2	1002.2	1047.1	1084.1	1112.6	1142.9	1178.7	115°	0.0	0.0	0.0
748.0	768.0	805.6	832.9	880.2	923.3	965.2	1013.1	1053.7	117.5°	0.0	0.0	0.0
586.0	611.5	646.7	697.6	740.1	789.2	842.0	887.5	955.5	120°	0.0	0.0	0.0
526.6	542.3	571.5	595.7	648.5	700.7	760.1	822.6	885.1	122.5°	0.0	0.0	0.0
465.3	493.2	520.5	555.7	601.8	658.8	723.1	790.5	860.8	125°	0.0	0.0	0.0
405.8	442.8	472.6	510.8	562.4	634.5	718.3	802.0	884.5	127.5°	0.0	0.0	0.0
333.0	367.6	419.8	458.6	526.0	616.4	723.7	839.6	951.2	130°	0.0	0.0	0.0
262.1	299.1	358.5	416.2	490.2	606.6	745.6	901.5	1050.7	132.5°	0.0	0.0	0.0
187.5	237.8	296.6	369.4	459.2	600.6	775.3	977.9	1178.7	135°	0.0	0.0	0.0
140.1	175.3	246.9	326.4	424.7	589.7	806.8	1048.9	1266.1	137.5°	0.0	0.0	0.0
125.0	149.8	196.6	280.3	382.2	568.4	830.5	1116.2	1345.5	140°	0.0	0.0	0.0
109.2	128.6	165.6	236.6	344.0	535.7	840.8	1152.0	1400.7	142.5°	0.0	0.0	0.0
95.8	114.0	151.7	219.6	324.6	498.7	839.0	1187.8	1469.9	145°	0.0	0.0	0.0
87.4	103.1	145.6	215.4	309.4	464.7	840.8	1245.4	1572.4	147.5°	0.0	0.0	0.0
80.7	98.9	140.7	206.3	302.1	445.9	848.1	1296.4	1660.4	150°	0.0	0.0	0.0
80.7	97.7	128.6	193.5	298.5	447.7	851.1	1335.8	1725.9	152.5°	0.0	0.0	0.0
84.9	91.6	119.5	186.2	300.9	461.0	847.5	1375.9	1789.6	155°	0.0	0.0	0.0
80.7	85.5	113.4	185.0	300.9	470.8	858.4	1425.6	1873.3	157.5°	0.0	0.0	0.0
76.4	79.5	111.6	183.2	294.8	479.9	903.3	1518.4	1982.5	160°	0.0	0.0	0.0
71.0	74.6	109.2	180.2	288.2	491.4	982.8	1674.3	2163.3	162.5°	0.0	0.0	0.0
64.3	71.6	105.6	175.3	283.9	512.0	1064.1	1832.1	2378.7	165°	0.0	0.0	0.0
61.9	68.6	97.1	163.8	279.7	534.5	1150.8	1983.1	2572.2	167.5°	0.0	0.0	0.0
60.1	66.1	89.8	155.3	276.0	545.4	1176.9	2040.7	2646.8	170°	0.0	0.0	0.0
58.8	64.9	85.5	148.0	271.8	546.0	1195.7	2062.6	2657.7	172.5°	0.0	0.0	0.0
57.0	62.5	77.0	132.9	258.4	545.4	1197.5	2076.5	2626.2	175°	0.0	0.0	0.0
54.0	60.1	77.7	125.0	234.2	519.9	1122.3	2009.2	2500.6	177.5°	0.0	0.0	0.0
51.6	58.2	81.9	126.8	208.7	454.4	981.5	1799.9	2231.8	180°	0.0	0.0	0.0
47.9	57.0	85.5	131.0	201.4	377.3	742.5	1469.9	1869.1				
44.3	56.4	88.6	134.1	193.5	310.6	514.4	1042.2	1398.9				
40.0	51.6	80.7	114.0	160.2	225.7	331.2	681.9	964.6				
34.6	41.3	58.8	80.1	117.7	157.7	195.9	411.9	630.9				
28.5	30.9	41.9	51.6	78.3	93.4	108.6	232.3	441.0				
21.2	21.8	28.5	32.8	44.3	51.6	64.9	142.6	357.3				
12.1	14.0	19.4	21.8	26.7	32.8	42.5	91.0	280.3				
4.9	6.1	11.5	12.7	14.6	18.2	23.7	52.8	87.4				
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				



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CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

SLR-8030

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°	1190.8	1190.8	1190.8	1190.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1274.6	1287.3	1298.2	1306.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1216.9	1246.7	1282.4	1312.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1114.4	1152.0	1210.3	1246.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1017.3	1072.5	1136.2	1187.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	951.2	1019.8	1080.4	1138.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	933.0	1002.8	1057.4	1110.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	969.4	1039.2	1085.9	1118.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1055.0	1129.6	1159.3	1156.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1172.0	1250.3	1250.3	1226.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1326.7	1383.1	1352.2	1306.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1436.5	1489.3	1435.3	1359.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1527.5	1566.4	1497.8	1406.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1607.6	1636.1	1545.7	1455.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	1703.5	1713.8	1595.5	1499.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1809.6	1818.1	1667.1	1546.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	1934.6	1904.3	1719.8	1591.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2011.6	1961.9	1758.1	1614.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2072.3	2004.4	1775.6	1627.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2146.9	2066.8	1806.6	1651.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	2245.2	2153.6	1884.8	1720.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2446.6	2333.2	2025.6	1840.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	2678.3	2571.0	2250.6	2037.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	2864.0	2791.8	2451.4	2215.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	2932.5	2901.6	2593.4	2366.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	2958.0	2984.7	2668.6	2458.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	2975.6	3091.5	2913.1	2734.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	2939.2	3109.0	3012.0	2902.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2780.9	2984.1	2965.3	2868.8
								70°	2456.9	2683.2	2748.7	2611.6
								72.5°	1848.4	2129.3	2486.6	2271.9
								75°	1204.2	1463.8	2123.3	1946.1
								77.5°	754.1	913.6	1514.8	1363.1
								80°	501.7	587.2	961.5	875.4
								82.5°	377.3	416.2	661.2	621.8
								85°	199.0	253.6	514.4	652.1
								87.5°	74.6	83.1	387.0	583.0
								90°	0.0	0.0	0.6	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: P227306

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8	110°	0.0	0.0	0.0	0.0	0.0
1314.0	1324.9	1331.6	1326.7	1334.6	1336.4	1327.9	112.5°	0.0	0.0	0.0	0.0	0.0
1338.3	1368.6	1390.4	1405.6	1411.7	1417.1	1414.7	115°	0.0	0.0	0.0	0.0	0.0
1293.4	1340.1	1380.7	1408.6	1418.3	1425.6	1418.9	117.5°	0.0	0.0	0.0	0.0	0.0
1243.6	1292.2	1330.4	1358.3	1357.7	1364.9	1352.2	120°	0.0	0.0	0.0	0.0	0.0
1196.9	1244.2	1278.2	1277.0	1268.5	1247.3	1243.6	122.5°	0.0	0.0	0.0	0.0	0.0
1159.9	1184.8	1193.3	1191.4	1167.2	1155.0	1153.2	125°	0.0	0.0	0.0	0.0	0.0
1141.7	1140.5	1121.1	1099.8	1076.8	1075.6	1059.8	127.5°	0.0	0.0	0.0	0.0	0.0
1144.7	1105.3	1069.5	1033.1	1008.2	1002.8	1004.6	130°	0.0	0.0	0.0	0.0	0.0
1183.0	1113.2	1045.9	1008.8	979.7	971.2	974.9	132.5°	0.0	0.0	0.0	0.0	0.0
1230.9	1137.5	1053.7	997.3	973.7	963.4	965.2	135°	0.0	0.0	0.0	0.0	0.0
1263.0	1165.4	1079.8	1010.1	977.9	968.2	974.3	137.5°	0.0	0.0	0.0	0.0	0.0
1304.3	1203.6	1115.0	1042.8	994.9	982.2	986.4	140°	0.0	0.0	0.0	0.0	0.0
1344.9	1244.8	1164.8	1082.9	1024.6	1001.0	1007.6	142.5°	0.0	0.0	0.0	0.0	0.0
1388.6	1292.8	1212.1	1137.5	1068.9	1031.9	1040.4	145°	0.0	0.0	0.0	0.0	0.0
1439.6	1348.6	1279.4	1210.9	1140.5	1109.6	1113.2	147.5°	0.0	0.0	0.0	0.0	0.0
1488.7	1403.2	1358.9	1307.9	1266.7	1219.4	1219.4	150°	0.0	0.0	0.0	0.0	0.0
1517.8	1474.1	1462.0	1447.5	1423.2	1389.2	1381.9	152.5°	0.0	0.0	0.0	0.0	0.0
1553.6	1558.5	1586.4	1615.5	1622.8	1589.4	1579.1	155°	0.0	0.0	0.0	0.0	0.0
1621.0	1671.9	1763.5	1843.0	1858.8	1886.1	1854.5	157.5°	0.0	0.0	0.0	0.0	0.0
1715.6	1809.6	1964.3	2094.1	2131.1	2133.6	2136.0	160°	0.0	0.0	0.0	0.0	0.0
1823.6	1958.2	2162.7	2317.4	2383.5	2401.1	2388.4	162.5°	0.0	0.0	0.0	0.0	0.0
2008.6	2130.5	2354.4	2521.2	2606.1	2647.4	2636.5	165°	0.0	0.0	0.0	0.0	0.0
2191.8	2343.5	2540.6	2705.0	2795.4	2841.5	2851.2	167.5°	0.0	0.0	0.0	0.0	0.0
2316.8	2458.7	2640.7	2792.4	2881.6	2936.8	2941.6	170°	0.0	0.0	0.0	0.0	0.0
2393.2	2523.0	2700.8	2834.2	2923.4	2970.1	2987.1	172.5°	0.0	0.0	0.0	0.0	0.0
2624.9	2648.6	2769.9	2857.9	2920.4	2941.6	2954.4	175°	0.0	0.0	0.0	0.0	0.0
2733.5	2634.7	2620.7	2675.3	2680.8	2666.8	2649.2	177.5°	0.0	0.0	0.0	0.0	0.0
2582.5	2351.4	2265.8	2258.5	2236.1	2227.0	2171.2	180°	0.0	0.0	0.0	0.0	0.0
2242.8	1909.7	1758.7	1676.8	1726.5	1724.7	1667.7						
1889.7	1550.6	1354.6	1236.9	1222.4	1220.0	1170.2						
1534.8	1216.9	1045.2	988.2	919.7	899.0	907.5						
1106.5	868.7	832.3	876.0	881.5	865.7	854.8						
697.0	653.4	688.5	768.0	814.7	794.1	802.0						
581.2	514.4	516.9	600.6	632.1	637.0	620.6						
644.9	515.0	422.2	411.9	401.0	252.4	351.2						
581.2	398.6	234.8	193.5	118.9	68.6	71.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	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: P227306

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

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°	1190.8	1190.8	1190.8	1190.8	1190.8	1190.8
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1326.1	1314.6	1301.9	1284.9	1287.9	1267.3
0.0	0.0	0.0	0.0	0.0	0.0	5°	1395.9	1375.9	1348.6	1314.0	1281.8	1240.6
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1388.6	1356.5	1311.0	1258.8	1216.3	1156.9
0.0	0.0	0.0	0.0	0.0	0.0	10°	1326.1	1284.3	1247.3	1193.3	1138.1	1085.9
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1238.8	1215.1	1183.0	1142.3	1088.9	1035.5
0.0	0.0	0.0	0.0	0.0	0.0	15°	1143.5	1145.3	1125.9	1115.0	1088.3	1045.9
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1065.3	1083.5	1093.8	1110.8	1113.8	1093.2
0.0	0.0	0.0	0.0	0.0	0.0	20°	1013.1	1038.6	1070.7	1117.4	1166.6	1187.8
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	984.0	1015.5	1067.1	1152.0	1241.8	1295.8
0.0	0.0	0.0	0.0	0.0	0.0	25°	978.5	1020.4	1092.6	1196.3	1312.8	1388.6
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	987.6	1042.2	1127.8	1246.0	1360.7	1470.5
0.0	0.0	0.0	0.0	0.0	0.0	30°	1016.7	1080.4	1173.9	1301.3	1420.2	1529.3
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1044.6	1123.5	1226.6	1351.0	1470.5	1579.1
0.0	0.0	0.0	0.0	0.0	0.0	35°	1089.5	1169.0	1274.6	1389.2	1505.1	1628.2
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1158.1	1227.8	1312.2	1418.9	1539.7	1667.1
0.0	0.0	0.0	0.0	0.0	0.0	40°	1255.8	1301.9	1356.5	1440.8	1556.6	1693.1
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1402.0	1411.7	1430.5	1474.1	1571.8	1723.5
0.0	0.0	0.0	0.0	0.0	0.0	45°	1590.6	1561.5	1545.1	1539.1	1605.8	1742.9
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1809.6	1752.6	1687.1	1655.5	1671.3	1773.8
0.0	0.0	0.0	0.0	0.0	0.0	50°	2094.7	2001.9	1873.3	1782.3	1774.4	1864.8
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2356.2	2234.9	2072.9	1965.5	1921.8	2034.7
0.0	0.0	0.0	0.0	0.0	0.0	55°	2603.1	2509.7	2326.5	2193.0	2177.9	2259.7
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	2819.7	2739.0	2589.2	2415.0	2421.1	2500.6
0.0	0.0	0.0	0.0	0.0	0.0	59°	2931.9	2864.6	2725.7	2548.5	2561.9	2671.1
0.0	0.0	0.0	0.0	0.0	0.0	60°	2971.9	2915.5	2783.3	2634.0	2651.0	2764.5
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	2968.9	2932.5	2836.7	2766.3	2853.0	2936.2
0.0	0.0	0.0	0.0	0.0	0.0	65°	2685.6	2630.4	2619.5	2742.6	2910.1	2990.1
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2136.0	2162.1	2265.8	2477.5	2758.4	2874.9
						70°	1586.4	1632.5	1770.8	2036.5	2422.3	2623.7
						72.5°	1166.6	1212.7	1340.1	1631.3	1992.8	2171.2
						75°	915.4	929.4	1021.0	1249.7	1570.6	1716.8
						77.5°	845.7	803.8	766.2	888.7	1059.2	1184.8
						80°	787.4	708.0	619.4	656.4	697.6	831.1
						82.5°	611.5	558.7	489.6	536.9	556.3	560.5
						85°	357.9	318.5	403.4	571.5	565.4	495.0
						87.5°	126.2	163.8	184.4	316.7	382.8	331.2
						90°	0.0	1.8	5.5	6.1	9.1	3.0
						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: P227306

CATALOG NUMBER: ISW-AF-800-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1190.8	1190.8	1190.8	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1250.9	1233.9	1232.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1207.8	1169.6	1157.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105.3	1061.0	1051.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.2	970.0	961.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
974.9	928.2	917.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991.9	940.3	934.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055.6	1001.0	1003.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.8	1129.6	1121.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1307.9	1269.7	1258.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1429.9	1410.4	1403.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1517.8	1526.9	1519.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1588.2	1618.5	1614.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1660.4	1719.2	1721.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1713.8	1817.5	1838.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1782.3	1921.2	1943.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834.5	1997.7	2024.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1885.4	2060.8	2089.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927.3	2123.3	2153.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974.6	2183.9	2213.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2059.6	2279.2	2313.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2242.2	2455.7	2504.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2506.0	2699.6	2738.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2743.9	2865.2	2875.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2841.5	2910.7	2907.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2913.1	2921.6	2904.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2951.9	2871.2	2842.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2850.6	2738.4	2700.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2558.2	2498.8	2455.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2176.0	2025.6	1997.1								
1649.5	1451.1	1408.6								
1152.6	914.8	857.2								
757.7	587.2	565.4								
491.4	390.1	383.4								
342.8	256.0	236.0								
210.5	85.5	81.9								
65.5	39.4	35.2								
1.8	2.4	2.4								
0.0	0.0	0.0								
0.0	0.0	0.0								
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359°	360°
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(END OF REPORT)