

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: P271796

Luminaire Tested: **ISW-AF-1000-LED-E1-SLR-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271796
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-1000-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: 4536.5 lumens
Efficiency: N/A
Efficacy: 83.1 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

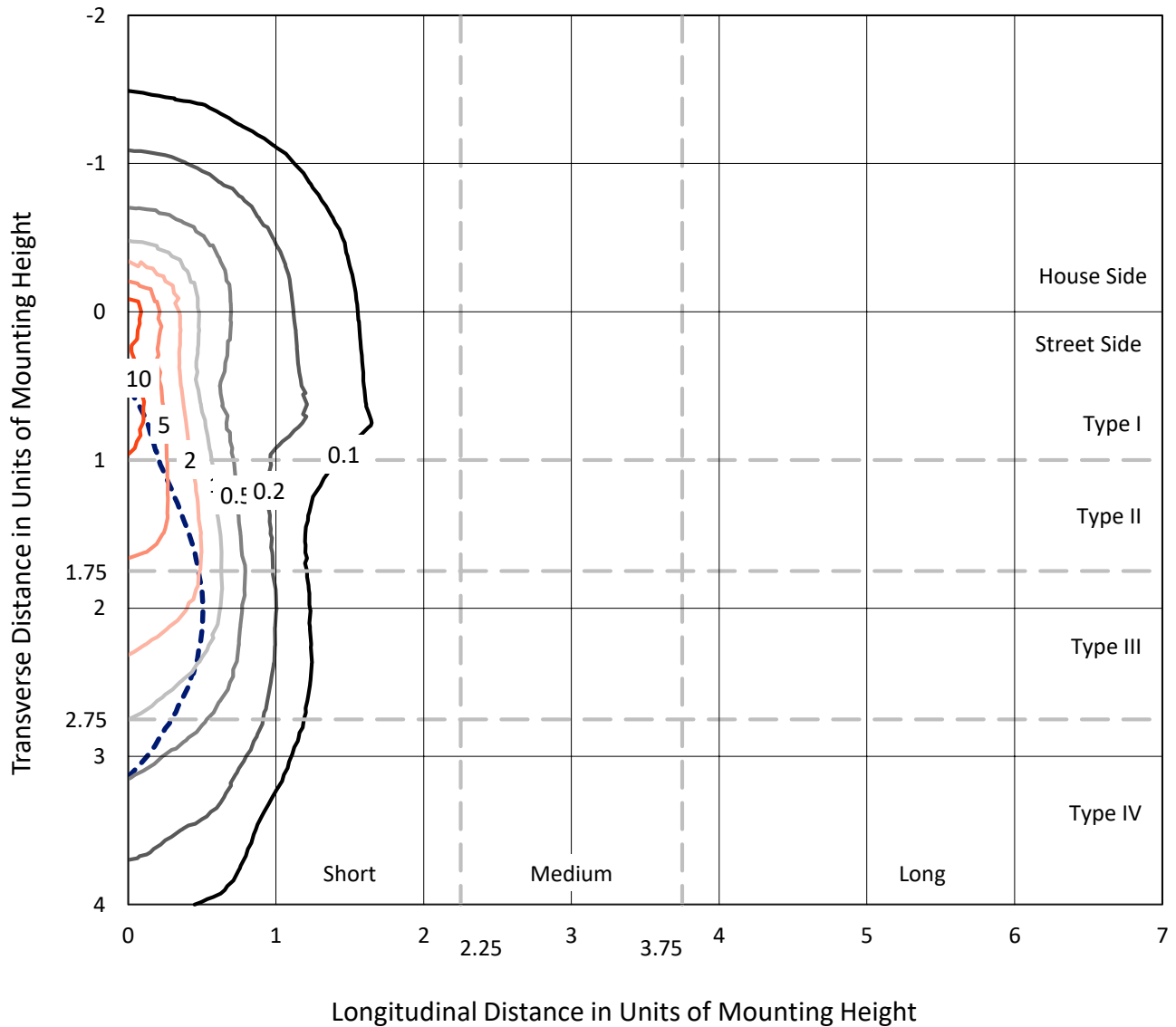
Input Watts (W): 54.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

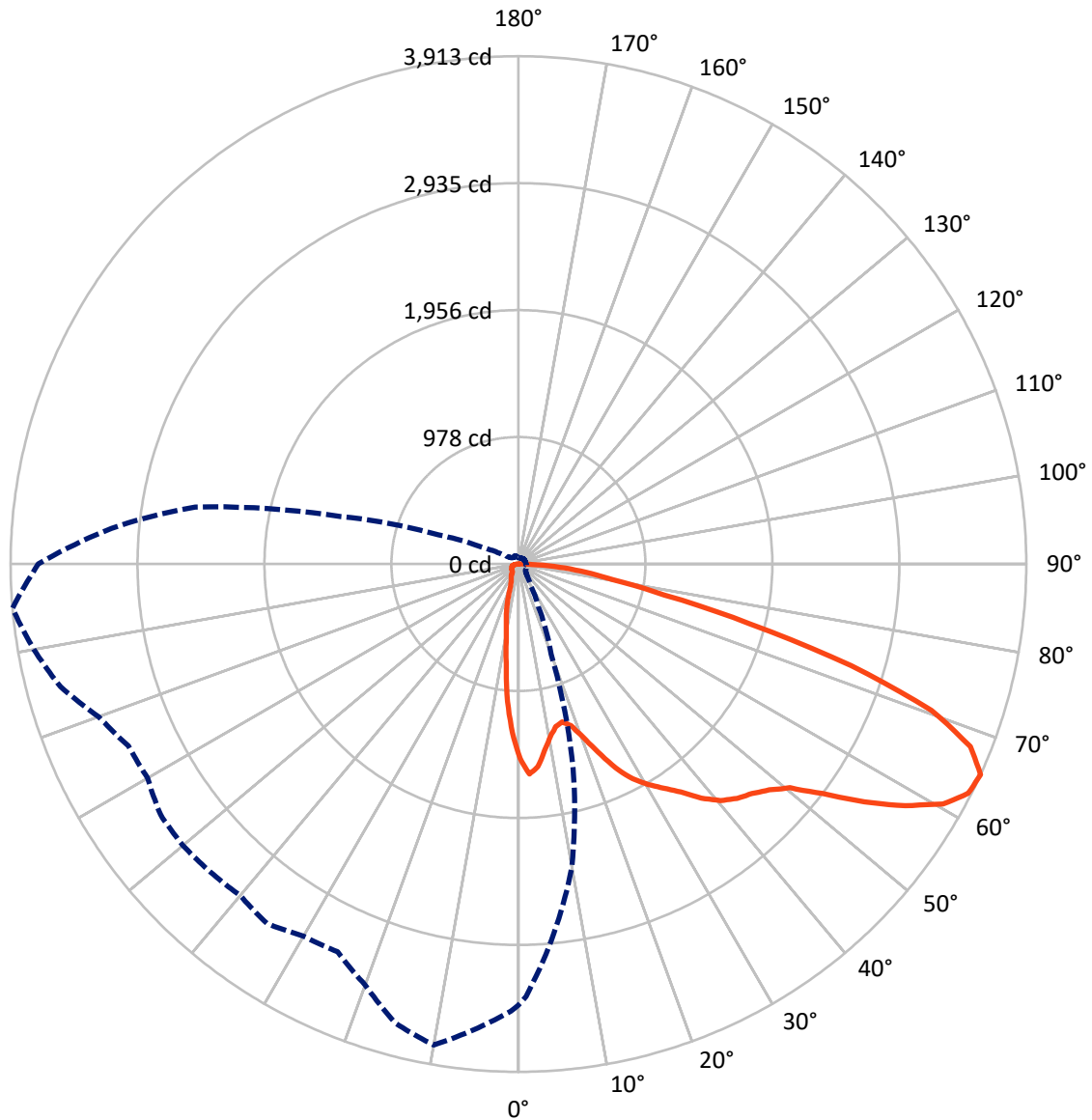
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15 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	778.1	0.0	778.2
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	3758.2	0.2	3758.3
	% Fixture	82.8	0.0	82.8
Total	Lumens	4536.3	0.2	4536.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.0	2.4
10°-20°	213.6	4.7
20°-30°	304.6	6.7
30°-40°	441.9	9.7
40°-50°	632.2	13.9
50°-60°	970.7	21.4
60°-70°	1123.5	24.8
70°-80°	573.2	12.6
80°-90°	165.4	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°	4536.3	100.0
0°-180°	4536.5	100.0



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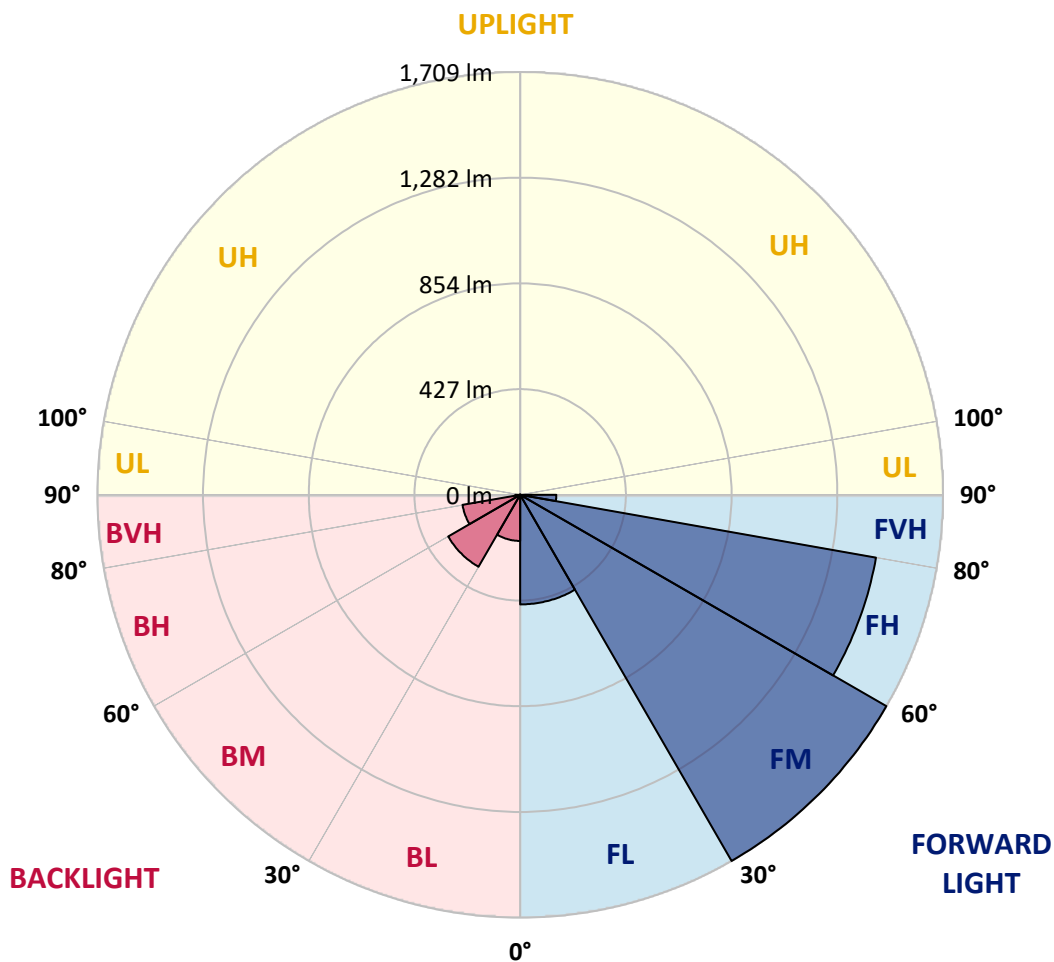
CATALOG NUMBER: ISW-AF-1000-LED-E1-SLR-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	443.0	9.8			
FM	(30°-60°)	1708.9	37.7			
FH	(60°-80°)	1460.1	32.2			G1/1800
FVH	(80°-90°)	146.2	3.2			G2/225
BL	(0°-30°)	186.3	4.1	B1/500		
BM	(30°-60°)	336.0	7.4	B1/1000		
BH	(60°-80°)	236.7	5.2	B1/500		G1/500
BVH	(80°-90°)	19.2	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°	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7
2.5°	1551.4	1542.2	1530.7	1510.9	1493.3	1468.1	1462.0	1430.7	1410.9	1415.5	1379.5
5°	1456.7	1451.3	1423.2	1378.8	1349.8	1292.5	1259.7	1243.0	1195.6	1189.4	1176.5
7.5°	1323.8	1307.8	1262.0	1207.1	1157.5	1115.4	1062.8	1022.3	986.4	964.3	925.3
10°	1210.1	1193.3	1143.7	1076.5	1016.9	958.1	915.5	862.7	811.6	771.8	740.6
12.5°	1155.1	1136.7	1078.8	1000.9	934.5	861.1	800.9	749.0	720.7	700.9	674.9
15°	1176.5	1149.8	1080.3	987.1	904.8	826.8	762.8	707.0	673.4	642.8	612.4
17.5°	1262.7	1229.9	1150.5	1038.4	923.7	822.9	731.4	668.0	614.6	568.8	527.6
20°	1410.9	1386.4	1271.2	1113.9	965.0	825.4	704.7	621.4	556.6	498.5	443.5
22.5°	1584.3	1547.5	1434.5	1216.1	1017.7	839.1	687.9	582.6	505.5	427.5	367.9
25°	1765.9	1737.6	1588.0	1353.7	1098.6	867.3	674.9	548.1	445.1	358.9	293.2
27.5°	1912.5	1887.2	1739.2	1485.7	1172.6	891.7	655.9	515.4	397.1	293.2	220.6
30°	2032.3	2010.9	1856.0	1594.1	1262.7	900.1	629.2	477.2	343.5	236.6	182.4
32.5°	2166.7	2143.1	1968.3	1669.7	1303.2	892.5	598.6	441.2	300.8	209.1	156.6
35°	2314.0	2286.5	2093.4	1751.3	1336.9	865.8	572.6	415.4	280.2	190.1	139.0
37.5°	2445.4	2427.8	2206.3	1832.4	1374.9	821.5	547.3	387.1	266.4	176.3	125.2
40°	2547.8	2543.1	2331.6	1899.5	1404.8	789.4	526.8	364.9	248.9	170.9	120.6
42.5°	2630.1	2628.6	2434.0	1959.8	1412.5	761.1	510.8	345.1	232.9	158.0	122.9
45°	2709.6	2708.7	2533.2	2043.8	1417.7	762.8	498.5	332.9	219.1	149.7	116.0
47.5°	2785.1	2796.5	2637.1	2160.6	1474.3	788.6	494.0	321.4	208.5	140.5	110.0
50°	2911.9	2900.4	2801.2	2318.6	1565.0	839.1	486.3	311.5	198.4	132.1	103.8
52.5°	3152.3	3139.4	3050.8	2530.2	1664.4	891.0	476.4	297.8	187.0	122.9	96.9
55°	3446.3	3463.9	3341.0	2787.4	1799.5	934.5	465.7	279.5	171.8	112.2	92.3
57.5°	3618.8	3604.3	3463.9	2935.5	1882.7	956.7	458.9	258.0	148.1	103.0	87.9
59°	3659.2	3634.8	3443.2	2960.7	1904.9	945.9	455.0	237.4	135.9	98.5	85.5
60°	3655.5	3625.6	3410.3	2944.6	1911.0	933.0	449.0	225.3	129.1	96.2	84.7
62.5°	3576.8	3530.2	3224.1	2750.8	1825.4	868.0	423.7	196.2	119.8	93.2	80.2
65°	3398.2	3332.5	2911.0	2372.1	1629.3	739.0	366.5	185.5	122.2	91.5	77.2
67.5°	3089.7	3037.1	2508.8	1962.9	1298.7	597.0	316.8	181.0	125.2	93.2	72.5
70°	2513.4	2468.4	1957.6	1469.6	972.7	474.8	287.9	178.7	122.9	89.3	68.7
72.5°	1772.7	1694.9	1300.9	1029.2	616.9	381.7	249.7	168.7	119.8	86.2	62.6
75°	1078.8	1093.2	826.8	749.7	389.3	261.9	196.2	142.0	106.1	77.2	56.5
77.5°	711.5	710.8	609.9	529.1	197.8	162.6	139.0	109.1	83.3	63.4	48.9
80°	482.5	487.9	442.9	361.1	110.0	97.7	90.9	79.4	61.1	48.1	40.4
82.5°	297.0	297.8	342.8	270.3	73.3	61.8	58.0	53.4	43.5	37.4	31.4
85°	103.0	105.3	119.8	190.9	49.7	40.4	40.4	37.4	32.8	25.2	20.6
87.5°	44.3	43.5	51.9	51.9	24.4	20.6	19.0	19.0	18.3	13.7	11.5
90°	3.1	2.2	2.2	3.1	3.9	5.3	4.6	5.3	5.3	4.6	3.1
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°	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7
2.5°	1368.8	1360.6	1336.9	1330.7	1338.4	1323.0	1319.3	1315.5	1287.2	1301.7	1284.9
5°	1144.4	1142.1	1094.0	1103.9	1094.0	1077.2	1070.4	1086.4	1058.1	1064.3	1068.1
7.5°	879.5	870.4	838.3	816.9	803.9	792.5	778.0	754.3	772.6	768.8	797.9
10°	713.8	694.0	674.2	644.4	627.6	611.6	594.8	585.5	564.1	561.9	552.0
12.5°	654.2	626.1	600.9	574.8	557.3	525.3	498.5	481.7	467.9	446.6	430.6
15°	574.8	551.2	518.4	493.2	465.7	436.7	410.7	389.3	379.4	359.6	350.4
17.5°	494.8	458.9	419.1	394.0	355.8	326.1	304.6	290.9	276.4	264.1	253.5
20°	398.5	352.0	309.2	277.1	247.3	218.4	208.5	191.6	185.5	181.0	184.7
22.5°	303.1	255.0	210.7	186.3	170.3	162.6	154.1	151.2	148.8	148.1	149.7
25°	222.2	181.6	160.3	151.2	145.1	140.5	137.4	135.1	133.6	132.8	133.6
27.5°	171.8	150.4	139.8	133.6	129.1	125.9	124.4	122.2	121.5	120.6	121.5
30°	148.8	137.4	129.7	123.7	118.4	113.0	110.7	110.0	110.7	111.5	110.7
32.5°	129.7	121.5	113.0	107.7	103.8	100.8	100.8	99.3	99.3	101.6	102.2
35°	117.6	109.1	103.0	96.2	91.5	88.6	86.2	84.7	85.5	85.5	87.9
37.5°	107.7	101.6	96.2	90.1	85.5	82.5	80.9	79.4	78.6	77.8	77.8
40°	100.8	96.9	92.3	86.2	81.7	78.6	77.2	75.5	74.8	74.1	74.1
42.5°	100.8	93.2	90.1	84.7	79.4	76.4	74.1	72.5	71.0	71.0	71.0
45°	110.7	95.4	90.1	84.0	78.6	74.8	72.5	70.2	68.7	68.7	67.9
47.5°	107.7	106.9	91.5	84.0	79.4	74.8	71.8	69.5	67.9	67.2	66.5
50°	102.2	111.5	102.2	86.2	79.4	74.1	71.0	68.7	66.5	65.7	65.7
52.5°	99.3	103.8	106.1	89.3	80.2	74.1	70.2	67.9	66.5	64.9	64.0
55°	91.5	97.7	101.6	87.9	80.2	72.5	68.7	66.5	64.0	63.4	62.6
57.5°	84.0	88.6	97.7	87.9	77.8	71.8	67.2	64.0	62.6	61.8	61.1
59°	81.7	81.7	87.0	90.1	76.4	71.0	66.5	63.4	61.8	61.1	59.6
60°	79.4	79.4	82.5	92.3	75.5	70.2	65.7	62.6	60.4	60.4	59.6
62.5°	76.4	74.1	75.5	86.2	73.3	68.7	64.0	61.1	58.7	58.7	58.0
65°	72.5	69.5	69.5	71.8	68.7	65.7	62.6	59.6	56.5	56.5	57.2
67.5°	68.7	65.7	64.9	64.9	63.4	62.6	59.6	56.5	55.0	55.0	55.0
70°	63.4	61.1	60.4	58.7	58.7	58.0	55.8	53.4	51.9	52.7	51.9
72.5°	57.2	55.8	54.2	54.2	53.4	52.7	50.3	48.9	48.1	48.9	48.9
75°	51.1	48.9	48.9	47.3	47.3	46.6	44.3	43.5	42.8	43.5	44.3
77.5°	43.5	42.0	41.2	41.2	41.2	41.2	38.2	37.4	37.4	39.0	39.0
80°	35.9	35.1	34.3	34.3	34.3	33.6	32.1	31.4	31.4	32.1	32.8
82.5°	27.5	25.9	25.9	26.7	27.5	27.5	25.2	23.6	23.6	25.2	26.7
85°	18.3	18.3	18.3	19.0	19.0	19.9	18.3	16.0	16.8	17.6	19.9
87.5°	9.9	10.7	9.9	9.2	10.7	9.9	9.9	9.2	9.9	10.7	11.5
90°	3.1	3.1	2.2	1.5	0.8	1.5	1.5	2.2	0.8	0.8	1.5
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P271796

CATALOG NUMBER: ISW-AF-1000-LED-E1-SLR-7027

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7
2.5°	1300.2	1287.2	1280.4	1307.0	1304.8	1281.8	1281.8	1297.9	1298.7	1284.9	1300.9
5°	1072.7	1059.7	1071.9	1061.2	1067.4	1066.6	1075.7	1058.9	1065.7	1059.7	1045.2
7.5°	795.4	821.5	835.2	817.6	839.8	851.2	835.2	851.2	826.1	805.5	825.4
10°	547.3	576.4	571.1	599.3	609.9	616.1	627.6	613.0	595.5	590.2	575.6
12.5°	424.4	418.4	416.1	427.5	434.4	424.4	432.9	423.7	414.6	398.5	397.8
15°	332.1	322.2	315.3	302.3	297.8	300.0	303.9	303.9	285.5	286.3	293.2
17.5°	252.0	249.7	244.2	233.6	226.7	229.1	228.3	224.5	222.2	223.7	232.1
20°	189.4	187.0	190.1	193.1	190.9	191.6	188.6	184.7	183.3	184.7	186.3
22.5°	149.7	152.7	156.6	161.1	161.9	165.6	164.9	165.6	162.6	161.1	157.2
25°	136.6	138.2	135.9	136.6	136.6	140.5	139.8	139.8	136.6	135.9	136.6
27.5°	120.6	119.8	119.8	121.5	121.5	123.7	125.2	123.7	120.6	119.8	120.6
30°	111.5	110.7	110.0	110.7	110.0	110.7	112.2	112.2	110.7	108.4	109.1
32.5°	102.2	102.2	101.6	102.2	101.6	101.6	103.0	100.8	100.8	100.0	100.0
35°	90.1	91.5	93.2	94.0	94.0	94.0	95.4	93.2	92.3	91.5	91.5
37.5°	77.8	79.4	84.0	86.2	87.0	88.6	89.3	87.9	86.2	84.7	83.3
40°	74.1	74.1	75.5	78.6	81.7	82.5	84.0	81.7	80.9	78.6	76.4
42.5°	71.0	71.8	71.8	72.5	73.3	74.8	77.2	74.8	73.3	71.8	69.5
45°	68.7	68.7	68.7	68.7	67.9	67.9	68.7	67.2	66.5	65.7	65.7
47.5°	67.2	66.5	65.7	64.9	64.0	63.4	63.4	61.8	61.8	61.8	61.8
50°	65.7	64.0	63.4	62.6	61.1	61.1	61.1	59.6	58.7	58.7	59.6
52.5°	63.4	62.6	61.8	61.1	60.4	59.6	59.6	58.0	57.2	57.2	57.2
55°	62.6	61.8	60.4	59.6	58.7	59.6	58.7	58.0	56.5	56.5	56.5
57.5°	60.4	61.1	60.4	58.7	58.7	58.7	58.7	57.2	56.5	55.0	55.8
59°	59.6	60.4	59.6	58.7	58.0	58.7	58.7	56.5	55.8	55.0	55.0
60°	58.7	59.6	58.7	58.0	58.0	58.7	58.0	57.2	55.8	53.4	54.2
62.5°	58.0	58.0	57.2	57.2	56.5	57.2	56.5	55.0	53.4	51.9	51.1
65°	56.5	56.5	55.8	55.8	55.0	55.0	55.0	53.4	51.9	50.3	50.3
67.5°	55.8	55.0	54.2	54.2	53.4	53.4	53.4	51.9	49.7	48.9	48.1
70°	52.7	51.9	51.9	51.1	50.3	51.1	51.9	49.7	47.3	45.8	45.1
72.5°	49.7	48.9	48.9	48.1	48.1	48.9	49.7	47.3	44.3	42.8	42.0
75°	45.1	44.3	44.3	44.3	44.3	45.8	45.8	43.5	41.2	39.0	37.4
77.5°	39.0	39.6	39.6	39.6	39.6	41.2	41.2	39.6	37.4	35.9	33.6
80°	33.6	33.6	34.3	34.3	35.1	35.1	34.3	33.6	32.8	31.4	28.3
82.5°	28.3	28.3	28.3	28.3	28.3	27.5	25.9	27.5	27.5	25.9	23.6
85°	22.2	22.2	22.2	22.9	22.9	20.6	18.3	18.3	20.6	19.9	18.3
87.5°	12.9	12.9	13.7	16.0	14.6	13.7	11.5	12.1	11.5	12.9	10.7
90°	3.1	2.2	2.2	0.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°

'271796
 ISW-AF-1000-LED-E1-SLR-7027

REPORT NUMBER: P271796
 CATALOG NUMBER: ISW-AF-1000-LED-E1-SLR-7027

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°	1498.7	1498.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1402.4	1409.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1133.0	1159.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	856.6	892.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	686.3	710.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	602.3	637.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	516.9	555.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	423.7	470.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	323.7	369.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	227.5	266.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	165.6	183.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	147.3	154.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	138.2	142.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	124.4	129.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	109.1	115.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	101.6	106.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	96.9	97.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	93.2	93.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	90.9	93.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	92.3	102.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	103.8	100.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	106.1	94.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	96.9	90.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	87.0	79.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	77.8	73.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	72.5	71.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	66.5	67.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	61.8	64.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	59.6	61.8
										70°	55.8	57.2
										72.5°	51.9	52.7
										75°	46.6	47.3
										77.5°	41.2	41.2
										80°	33.6	33.6
										82.5°	25.9	25.2
										85°	16.8	16.0
										87.5°	7.6	6.1
										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



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CATALOG NUMBER: ISW-AF-1000-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°	1498.7	1498.7	1498.7	1498.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1604.0	1620.0	1633.7	1644.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1531.5	1568.9	1614.0	1652.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1402.4	1449.9	1523.2	1568.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1280.4	1349.8	1430.0	1494.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1197.1	1283.4	1359.8	1432.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	1174.3	1262.0	1330.7	1397.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1220.0	1307.8	1366.6	1407.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1327.7	1421.6	1458.9	1456.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1474.9	1573.5	1573.5	1543.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1669.7	1740.6	1701.7	1643.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1807.9	1874.3	1806.3	1710.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1922.5	1971.3	1885.0	1769.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	2023.3	2059.1	1945.3	1831.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	2143.9	2156.8	2007.9	1886.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	2277.5	2288.2	2098.0	1946.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	2434.7	2396.5	2164.5	2002.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2531.6	2469.0	2212.5	2031.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2608.0	2522.5	2234.6	2048.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2701.9	2601.1	2273.6	2078.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	2825.6	2710.3	2372.1	2165.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	3079.1	2936.3	2549.2	2315.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	3370.7	3235.5	2832.4	2563.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3604.3	3513.5	3085.2	2788.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	3690.6	3651.7	3263.8	2978.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	3722.7	3756.3	3358.5	3094.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3744.9	3890.6	3666.2	3441.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	3699.0	3912.7	3790.6	3652.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	3499.8	3755.5	3731.8	3610.5
								70°	3092.1	3376.8	3459.2	3286.7
								72.5°	2326.3	2679.7	3129.4	2859.1
								75°	1515.5	1842.2	2672.1	2449.2
								77.5°	949.0	1149.8	1906.3	1715.5
								80°	631.4	739.0	1210.1	1101.7
								82.5°	474.8	523.7	832.2	782.5
								85°	250.4	319.1	647.4	820.7
								87.5°	94.0	104.7	487.2	733.6
								90°	0.0	0.0	0.8	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



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CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7	110°	0.0	0.0	0.0	0.0	0.0
1653.7	1667.4	1675.8	1669.7	1679.7	1681.9	1671.3	112.5°	0.0	0.0	0.0	0.0	0.0
1684.2	1722.4	1749.9	1768.9	1776.6	1783.5	1780.4	115°	0.0	0.0	0.0	0.0	0.0
1627.7	1686.5	1737.6	1772.7	1785.0	1794.2	1785.7	117.5°	0.0	0.0	0.0	0.0	0.0
1565.0	1626.2	1674.4	1709.5	1708.7	1717.8	1701.7	120°	0.0	0.0	0.0	0.0	0.0
1506.3	1565.8	1608.7	1607.1	1596.4	1569.7	1565.0	122.5°	0.0	0.0	0.0	0.0	0.0
1459.7	1491.1	1501.8	1499.5	1468.9	1453.6	1451.3	125°	0.0	0.0	0.0	0.0	0.0
1436.9	1435.3	1410.9	1384.2	1355.1	1353.7	1333.7	127.5°	0.0	0.0	0.0	0.0	0.0
1440.6	1391.0	1346.0	1300.2	1268.9	1262.0	1264.4	130°	0.0	0.0	0.0	0.0	0.0
1488.7	1401.0	1316.2	1269.7	1233.0	1222.3	1226.8	132.5°	0.0	0.0	0.0	0.0	0.0
1549.0	1431.4	1326.2	1255.1	1225.4	1212.4	1214.7	135°	0.0	0.0	0.0	0.0	0.0
1589.6	1466.7	1359.0	1271.2	1230.7	1218.6	1226.2	137.5°	0.0	0.0	0.0	0.0	0.0
1641.5	1514.7	1403.2	1312.4	1252.1	1236.1	1241.4	140°	0.0	0.0	0.0	0.0	0.0
1692.6	1566.6	1465.9	1362.8	1289.4	1259.7	1268.0	142.5°	0.0	0.0	0.0	0.0	0.0
1747.6	1626.9	1525.4	1431.4	1345.2	1298.7	1309.3	145°	0.0	0.0	0.0	0.0	0.0
1811.7	1697.2	1610.1	1523.9	1435.3	1396.3	1401.0	147.5°	0.0	0.0	0.0	0.0	0.0
1873.5	1765.9	1710.1	1646.1	1594.1	1534.6	1534.6	150°	0.0	0.0	0.0	0.0	0.0
1910.2	1855.2	1840.0	1821.7	1791.1	1748.3	1739.2	152.5°	0.0	0.0	0.0	0.0	0.0
1955.3	1961.3	1996.4	2033.1	2042.3	2000.3	1987.3	155°	0.0	0.0	0.0	0.0	0.0
2040.1	2104.1	2219.4	2319.4	2339.3	2373.6	2334.0	157.5°	0.0	0.0	0.0	0.0	0.0
2159.1	2277.5	2472.0	2635.4	2682.1	2685.1	2688.2	160°	0.0	0.0	0.0	0.0	0.0
2295.0	2464.5	2721.8	2916.4	2999.7	3021.8	3005.8	162.5°	0.0	0.0	0.0	0.0	0.0
2527.8	2681.4	2963.0	3172.9	3279.8	3331.7	3318.0	165°	0.0	0.0	0.0	0.0	0.0
2758.3	2949.2	3197.3	3404.3	3518.0	3576.1	3588.3	167.5°	0.0	0.0	0.0	0.0	0.0
2915.7	3094.3	3323.4	3514.2	3626.5	3696.0	3702.1	170°	0.0	0.0	0.0	0.0	0.0
3011.8	3175.3	3399.0	3566.9	3679.2	3737.9	3759.2	172.5°	0.0	0.0	0.0	0.0	0.0
3303.4	3333.3	3486.1	3596.6	3675.3	3702.1	3718.1	175°	0.0	0.0	0.0	0.0	0.0
3440.1	3315.7	3298.1	3366.8	3373.8	3356.2	3334.1	177.5°	0.0	0.0	0.0	0.0	0.0
3250.1	2959.2	2851.5	2842.3	2814.1	2802.7	2732.5	180°	0.0	0.0	0.0	0.0	0.0
2822.6	2403.3	2213.2	2110.2	2172.8	2170.6	2098.8						
2378.3	1951.4	1704.8	1556.8	1538.3	1535.3	1472.7						
1931.5	1531.5	1315.5	1243.7	1157.5	1131.4	1142.1						
1392.6	1093.2	1047.4	1102.4	1109.2	1089.5	1075.7						
877.3	822.3	866.5	966.6	1025.3	999.4	1009.2						
731.4	647.4	650.5	755.8	795.4	801.6	781.1						
811.6	648.1	531.3	518.4	504.7	317.6	442.1						
731.4	501.6	295.5	243.5	149.7	86.2	89.3						
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						



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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°	1498.7	1498.7	1498.7	1498.7	1498.7	1498.7
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1668.9	1654.4	1638.4	1616.9	1620.8	1594.9
0.0	0.0	0.0	0.0	0.0	0.0	5°	1756.7	1731.6	1697.2	1653.7	1613.2	1561.3
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1747.6	1707.0	1649.8	1584.3	1530.7	1456.0
0.0	0.0	0.0	0.0	0.0	0.0	10°	1668.9	1616.3	1569.7	1501.8	1432.3	1366.6
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1559.0	1529.3	1488.7	1437.6	1370.5	1303.2
0.0	0.0	0.0	0.0	0.0	0.0	15°	1439.2	1441.4	1417.0	1403.2	1369.6	1316.2
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1340.6	1363.5	1376.6	1397.9	1401.7	1375.8
0.0	0.0	0.0	0.0	0.0	0.0	20°	1275.0	1307.0	1347.5	1406.3	1468.1	1494.9
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1238.3	1278.1	1343.0	1449.9	1562.8	1630.7
0.0	0.0	0.0	0.0	0.0	0.0	25°	1231.5	1284.1	1374.9	1505.6	1652.2	1747.6
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1243.0	1311.6	1419.3	1568.1	1712.5	1850.7
0.0	0.0	0.0	0.0	0.0	0.0	30°	1279.5	1359.8	1477.4	1637.6	1787.3	1924.7
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1314.7	1413.9	1543.7	1700.2	1850.7	1987.3
0.0	0.0	0.0	0.0	0.0	0.0	35°	1371.3	1471.2	1604.0	1748.3	1894.2	2049.1
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1457.5	1545.3	1651.4	1785.7	1937.6	2098.0
0.0	0.0	0.0	0.0	0.0	0.0	40°	1580.4	1638.4	1707.0	1813.2	1959.0	2130.8
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1764.5	1776.6	1800.2	1855.2	1978.2	2169.0
0.0	0.0	0.0	0.0	0.0	0.0	45°	2001.9	1965.1	1944.5	1936.9	2020.8	2193.4
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2277.5	2205.7	2123.2	2083.5	2103.3	2232.4
0.0	0.0	0.0	0.0	0.0	0.0	50°	2636.3	2519.5	2357.6	2243.1	2233.2	2346.9
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2965.2	2812.6	2608.8	2473.7	2418.7	2560.7
0.0	0.0	0.0	0.0	0.0	0.0	55°	3276.0	3158.5	2927.8	2760.0	2740.9	2843.9
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3548.6	3447.1	3258.5	3039.3	3047.1	3147.0
0.0	0.0	0.0	0.0	0.0	0.0	59°	3689.8	3605.1	3430.3	3207.3	3224.1	3361.5
0.0	0.0	0.0	0.0	0.0	0.0	60°	3740.3	3669.1	3502.9	3314.9	3336.3	3479.1
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3736.4	3690.6	3570.0	3481.4	3590.5	3695.2
0.0	0.0	0.0	0.0	0.0	0.0	65°	3379.9	3310.3	3296.6	3451.6	3662.3	3763.1
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2688.2	2721.0	2851.5	3117.9	3471.5	3618.0
						70°	1996.4	2054.4	2228.5	2563.0	3048.5	3302.0
						72.5°	1468.1	1526.2	1686.5	2053.0	2508.0	2732.5
						75°	1152.1	1169.6	1284.9	1572.8	1976.6	2160.6
						77.5°	1064.3	1011.6	964.3	1118.5	1333.1	1491.1
						80°	991.0	891.0	779.5	826.1	878.0	1046.0
						82.5°	769.6	703.1	616.1	675.6	700.0	705.5
						85°	450.4	400.8	507.7	719.3	711.5	623.0
						87.5°	158.8	206.1	232.1	398.5	481.7	416.8
						90°	0.0	2.2	6.8	7.6	11.5	3.9
						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



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CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1498.7	1498.7	1498.7	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1574.3	1552.9	1551.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1520.0	1472.0	1456.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1391.0	1335.3	1323.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1282.6	1220.8	1210.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226.8	1168.1	1155.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1248.3	1183.3	1176.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1328.4	1259.7	1262.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1465.9	1421.6	1410.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1646.1	1597.9	1584.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1799.5	1775.1	1765.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1910.2	1921.7	1912.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998.8	2037.0	2032.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2089.5	2163.7	2166.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2156.8	2287.4	2314.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2243.1	2417.9	2445.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2308.7	2514.1	2547.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2372.9	2593.5	2630.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2425.5	2672.1	2709.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2485.1	2748.5	2785.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2592.0	2868.4	2911.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2821.8	3090.5	3152.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3153.9	3397.4	3446.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3453.2	3605.9	3618.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3576.1	3663.1	3659.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3666.2	3676.9	3655.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3715.0	3613.5	3576.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3587.5	3446.3	3398.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3219.5	3144.7	3089.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2738.6	2549.2	2513.4								
2075.8	1826.3	1772.7								
1450.7	1151.3	1078.8								
953.6	739.0	711.5								
618.4	490.9	482.5								
431.4	322.2	297.0								
264.9	107.7	103.0								
82.5	49.7	44.3								
2.2	3.1	3.1								
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								



359°	360°
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
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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0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0

(END OF REPORT)