

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: INVUE

Report Number: P253196

Luminaire Tested: **LXS-B4-LED-D1-T5-A-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P253196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-4)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: LXS-B4-LED-D1-T5-A-7030
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE V OPTIC, GRAPHITE METALLIC PAINTED FINISH,
ARM MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10571 lumens
Efficiency: N/A
Efficacy: 110.1 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B4 - U0 - G3

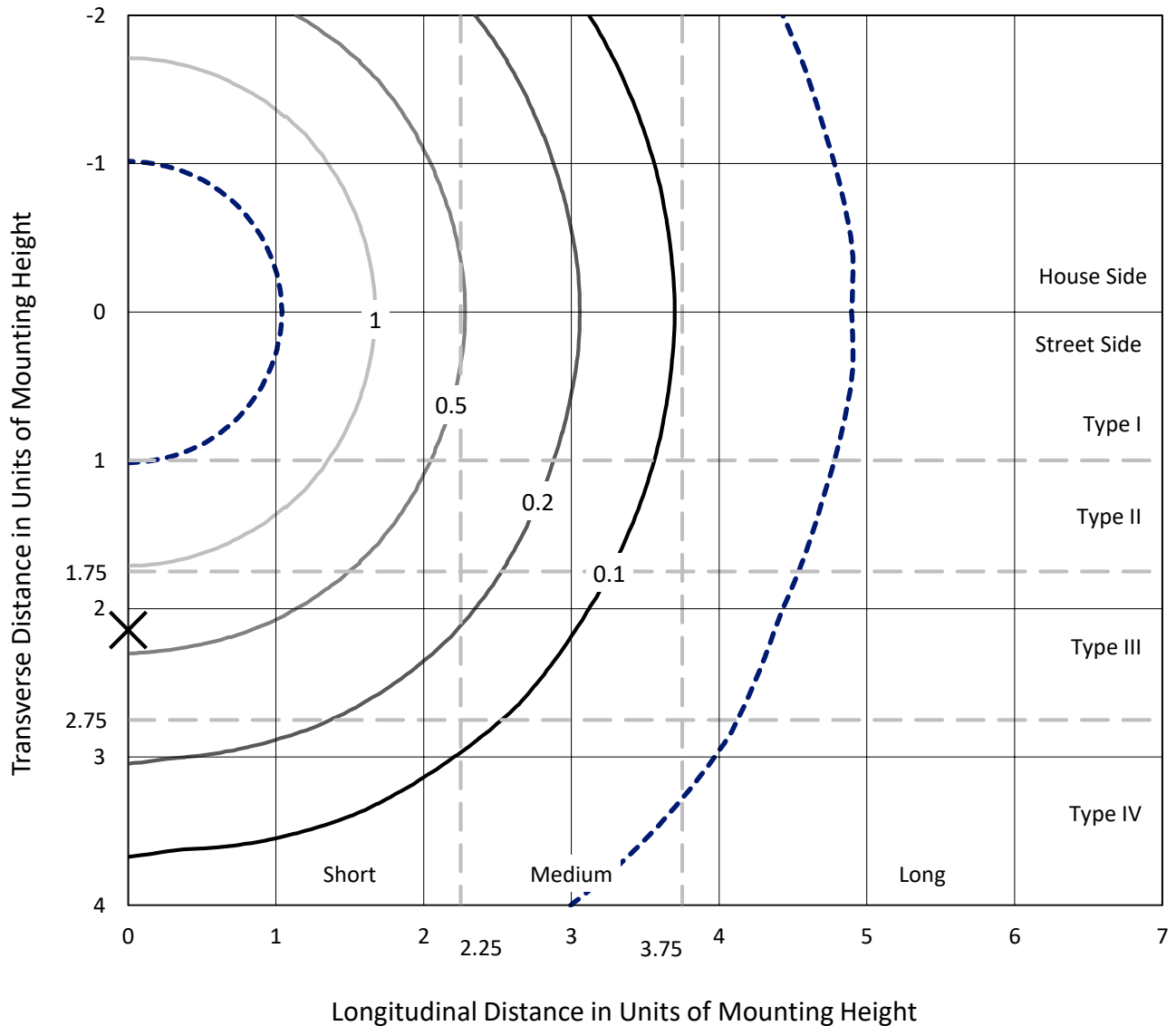
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

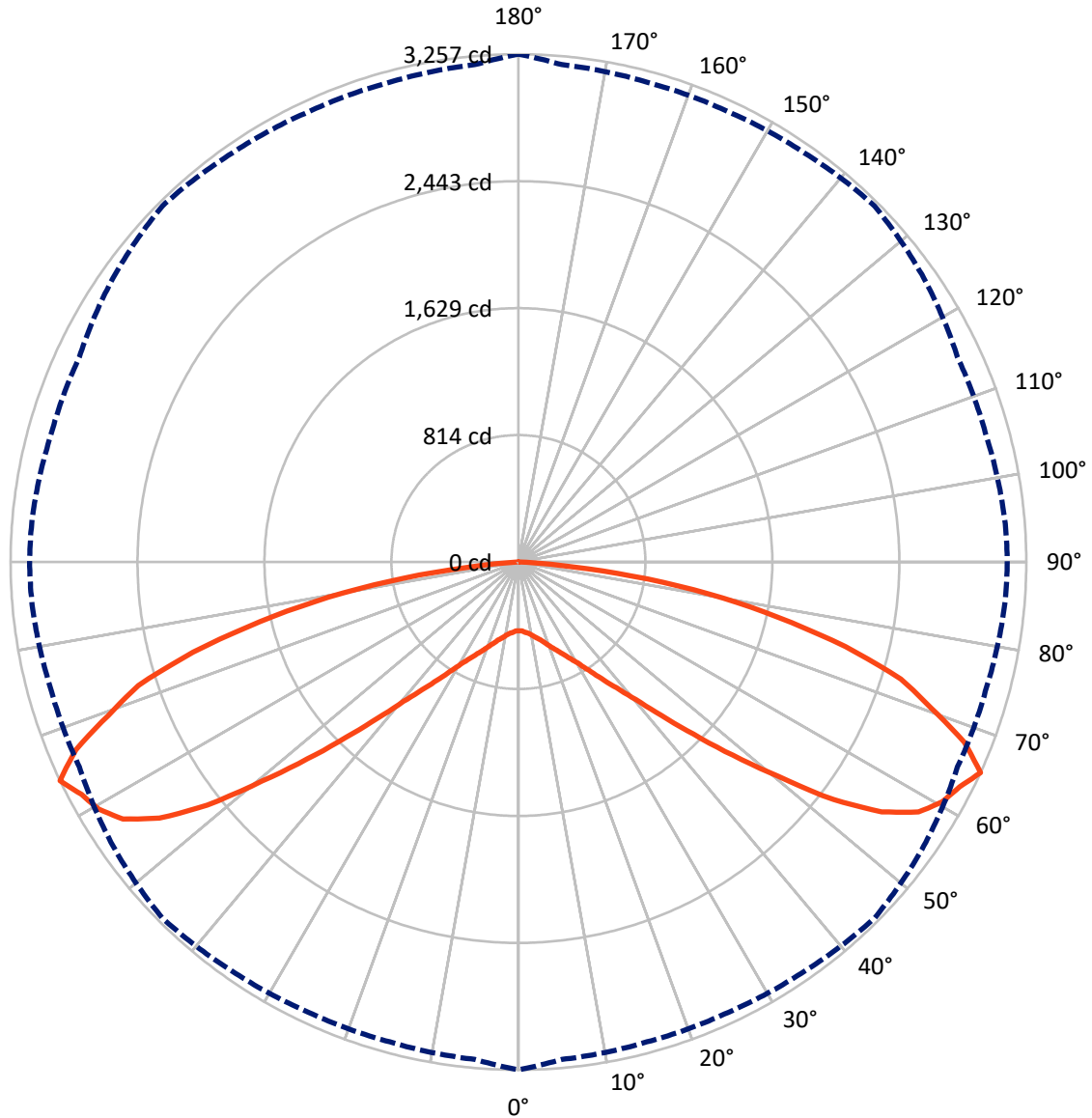
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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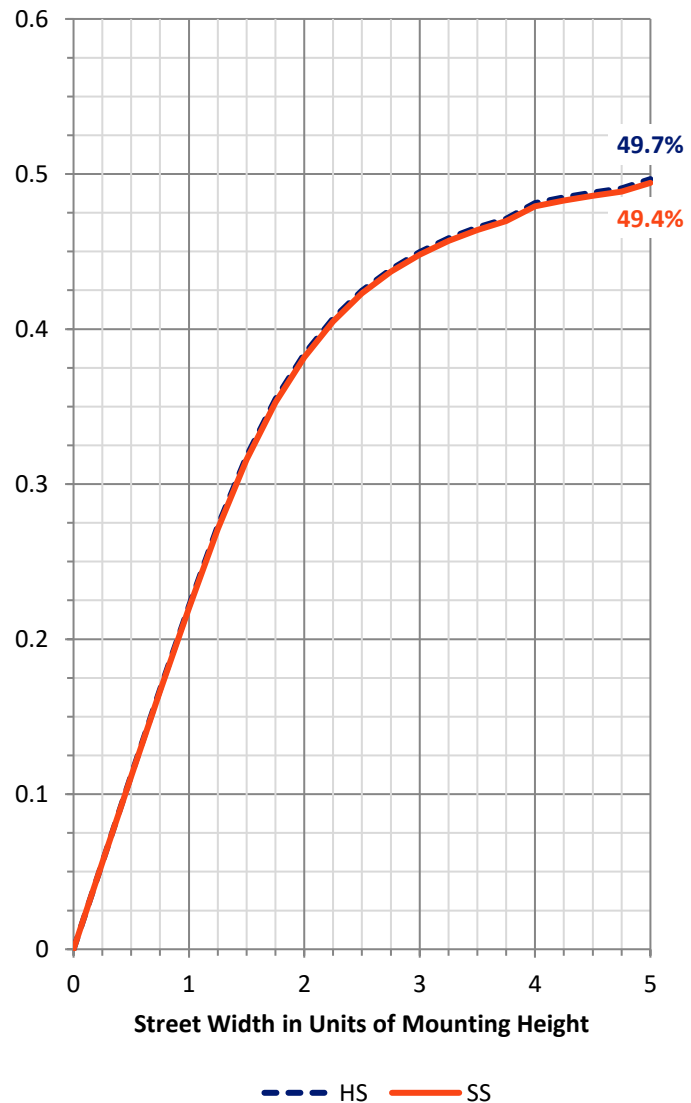
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5285.5	0.0	5285.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5285.5	0.0	5285.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10571.0	0.0	10571.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	0.4
10°-20°	148.0	1.4
20°-30°	301.8	2.9
30°-40°	576.3	5.5
40°-50°	1225.3	11.6
50°-60°	2415.7	22.9
60°-70°	3068.6	29.0
70°-80°	2300.9	21.8
80°-90°	490.7	4.6
90°-100°	0.0	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°	10571.0	100.0
0°-180°	10571.0	100.0



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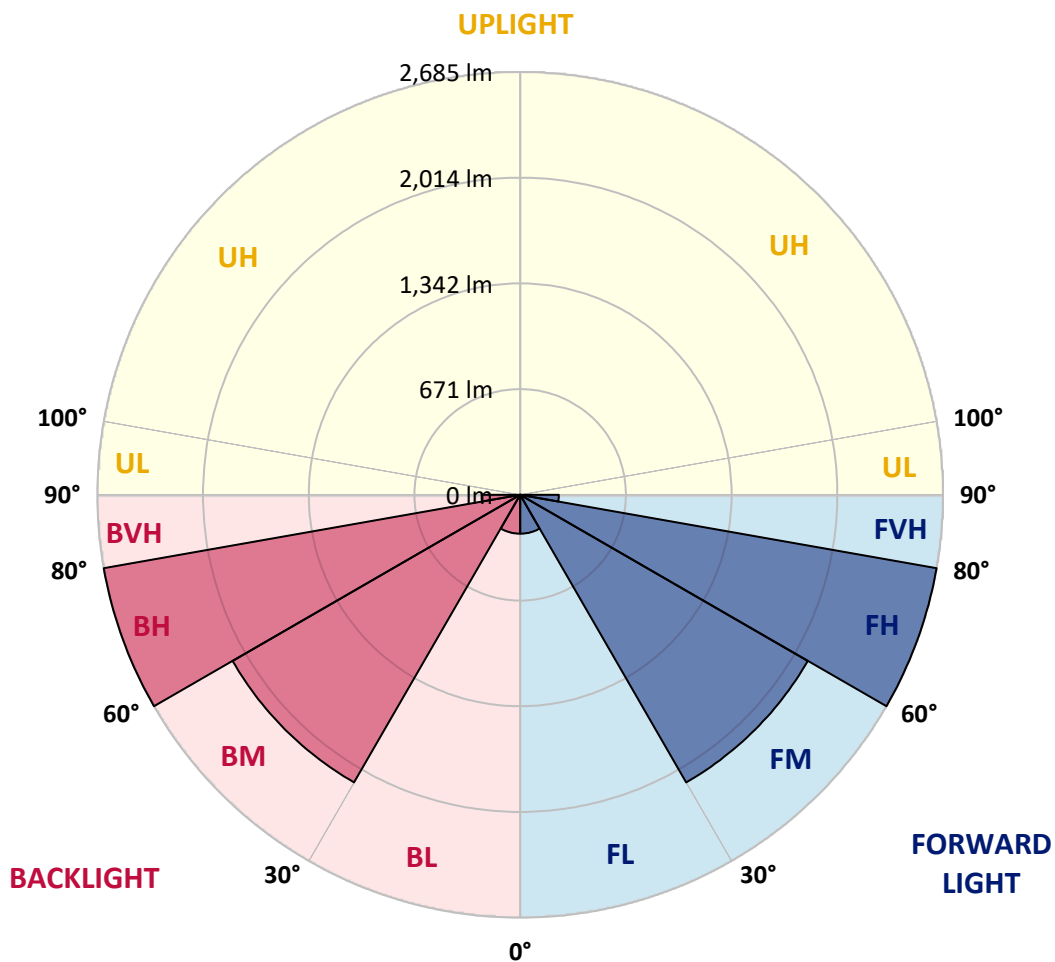
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	246.8	2.3			
FM (30°-60°)	2108.6	19.9			
FH (60°-80°)	2684.7	25.4			G2/5000
FVH (80°-90°)	245.4	2.3			G3/500
BL (0°-30°)	246.8	2.3	B1/500		
BM (30°-60°)	2108.6	19.9	B2/2500		
BH (60°-80°)	2684.7	25.4	B4/5000		G2/5000
BVH (80°-90°)	245.4	2.3			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2
2.5°	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2	441.2
5°	453.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0	449.0
7.5°	460.8	460.8	460.8	460.8	460.8	460.8	460.8	460.8	460.8	460.8	460.8
10°	476.6	476.6	476.6	476.6	476.6	476.6	472.7	472.7	472.7	472.7	472.7
12.5°	496.3	496.3	496.3	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4
15°	516.0	516.0	516.0	516.0	516.0	512.1	512.1	512.1	512.1	512.1	512.1
17.5°	543.6	543.6	543.6	539.6	539.6	539.6	539.6	535.7	539.6	539.6	539.6
20°	575.1	575.1	571.1	571.1	571.1	571.1	567.2	567.2	567.2	567.2	567.2
22.5°	610.5	610.5	606.6	606.6	606.6	602.6	602.6	598.7	598.7	598.7	598.7
25°	649.9	649.9	646.0	646.0	646.0	642.0	638.1	638.1	638.1	638.1	638.1
27.5°	697.2	697.2	693.2	693.2	689.3	685.4	681.4	681.4	681.4	681.4	681.4
30°	752.3	752.3	752.3	748.4	744.4	740.5	736.6	732.6	732.6	732.6	732.6
32.5°	827.2	823.2	823.2	815.3	815.3	807.5	803.5	799.6	799.6	799.6	795.7
35°	917.8	913.8	909.9	909.9	902.0	894.1	886.2	882.3	878.4	878.4	878.4
37.5°	1024.1	1024.1	1016.2	1008.3	1004.4	996.5	988.7	984.7	980.8	980.8	972.9
40°	1158.0	1158.0	1154.1	1146.2	1134.4	1126.5	1126.5	1118.6	1114.7	1110.8	1106.8
42.5°	1343.2	1339.2	1331.3	1323.5	1319.5	1299.8	1295.9	1288.0	1284.1	1284.1	1276.2
45°	1575.5	1579.5	1571.6	1555.9	1551.9	1544.0	1524.3	1524.3	1512.5	1504.6	1508.6
47.5°	1851.3	1855.2	1843.4	1827.6	1811.9	1788.2	1796.1	1780.4	1776.4	1768.6	1756.7
50°	2162.4	2158.5	2146.7	2130.9	2127.0	2103.4	2095.5	2083.7	2075.8	2083.7	2067.9
52.5°	2532.7	2532.7	2516.9	2481.5	2461.8	2461.8	2442.1	2430.3	2418.5	2418.5	2406.6
55°	2828.1	2824.2	2804.5	2788.7	2773.0	2741.5	2745.4	2717.8	2694.2	2698.1	2713.9
57.5°	3025.0	3009.3	2997.5	2962.0	2958.1	2954.2	2910.8	2883.3	2883.3	2871.4	2883.3
60°	3123.5	3127.5	3103.8	3080.2	3056.6	3060.5	3013.2	3005.4	2989.6	2993.5	3005.4
62.5°	3174.7	3206.2	3202.3	3178.7	3214.1	3139.3	3170.8	3119.6	3099.9	3095.9	3088.1
65°	3257.4	3202.3	3186.5	3186.5	3202.3	3229.9	3174.7	3107.8	3107.8	3131.4	3135.3
67.5°	3084.1	3080.2	3099.9	3143.2	3115.6	3115.6	3064.4	3032.9	3017.2	3044.7	3029.0
70°	2808.4	2832.0	2836.0	2910.8	2966.0	2906.9	2914.8	2839.9	2820.2	2863.6	2832.0
72.5°	2564.2	2461.8	2536.6	2631.2	2666.6	2706.0	2643.0	2583.9	2564.2	2587.8	2595.7
75°	2166.4	2095.5	2197.9	2280.6	2280.6	2323.9	2249.1	2233.3	2229.4	2221.5	2229.4
77.5°	1701.6	1658.3	1725.2	1800.1	1863.1	1847.3	1827.6	1788.2	1796.1	1815.8	1800.1
80°	1240.7	1173.8	1217.1	1291.9	1362.8	1370.7	1378.6	1323.5	1315.6	1347.1	1343.2
82.5°	736.6	701.1	736.6	799.6	862.6	878.4	878.4	858.7	842.9	870.5	882.3
85°	252.1	279.7	260.0	279.7	326.9	338.7	350.6	338.7	350.6	370.3	346.6
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
90°	0.0	0.0	0.0	0.0	0.0	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
110°	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°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
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

(END OF REPORT)