

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: P253195

Luminaire Tested: **LXS-B3-LED-D1-T5-A-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P253195
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-B3-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: 9111 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G2

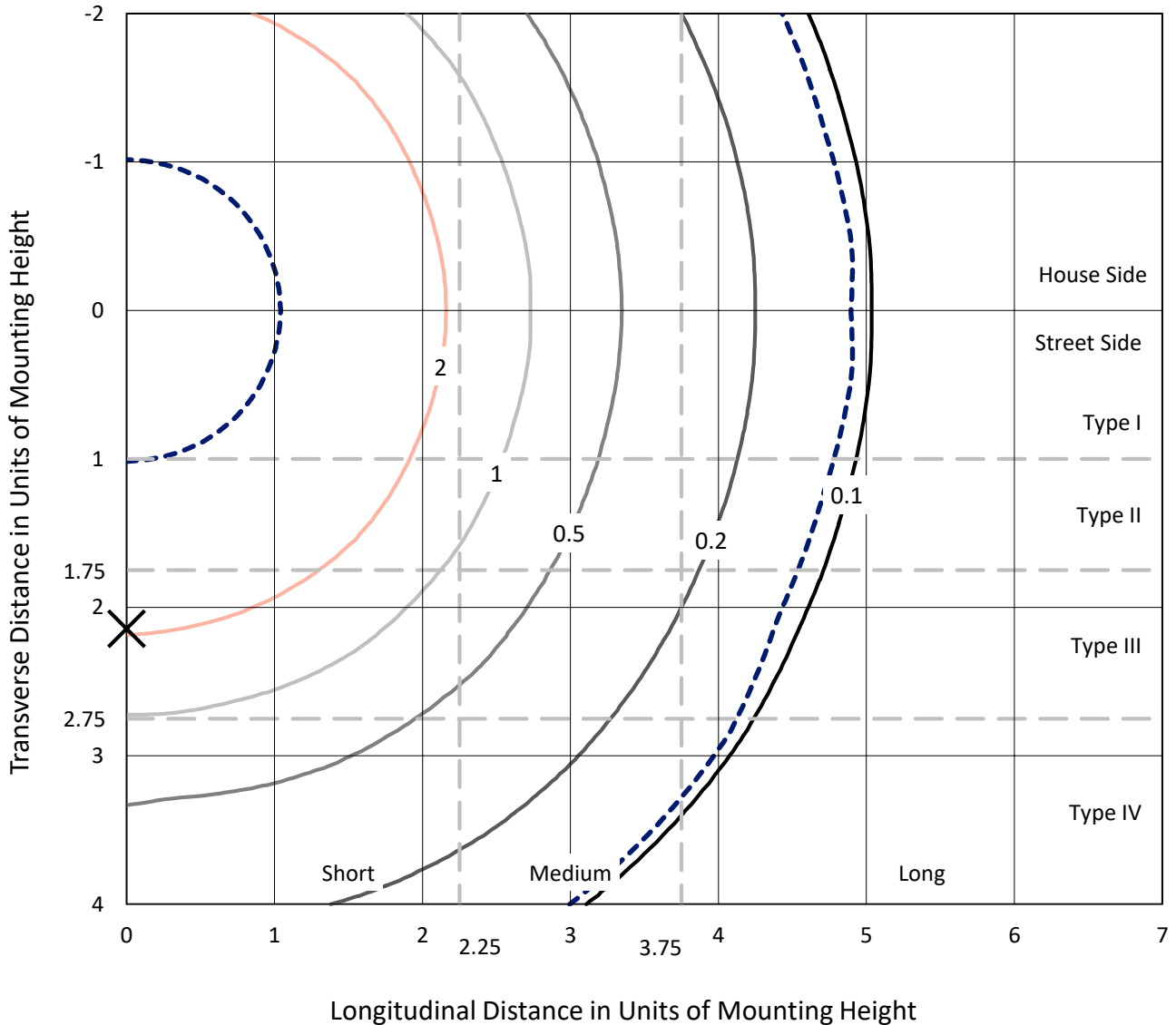
Input Watts (W): 86
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P253195
 CATALOG NUMBER: LXS-B3-LED-D1-T5-A-7030

Iso-Footcandle Lines of Horizontal Illumination

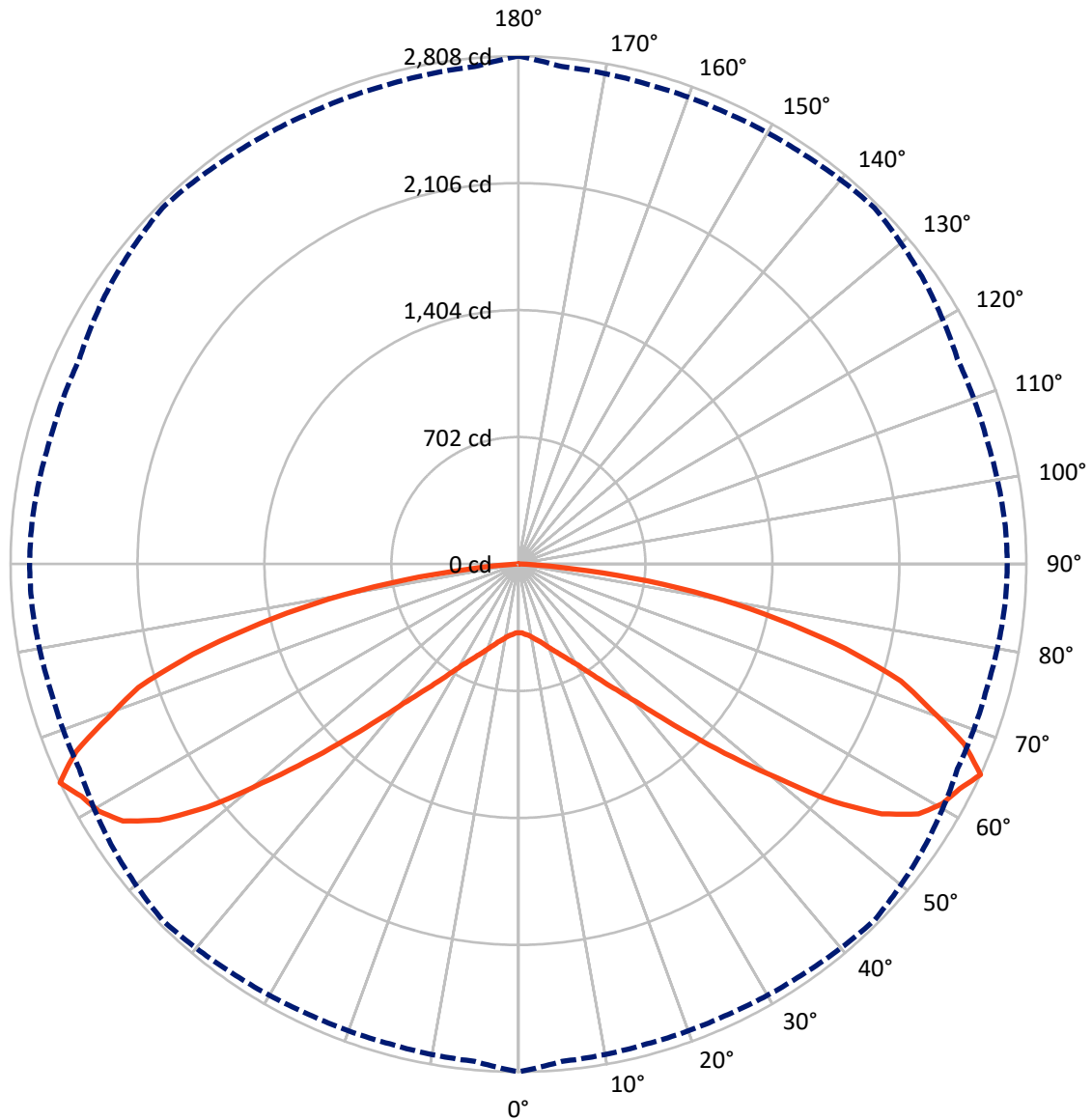
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5 fc
 Type V - Short - Semi-Cutoff

REPORT NUMBER: P253195
CATALOG NUMBER: LXS-B3-LED-D1-T5-A-7030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P253195

CATALOG NUMBER: LXS-B3-LED-D1-T5-A-7030

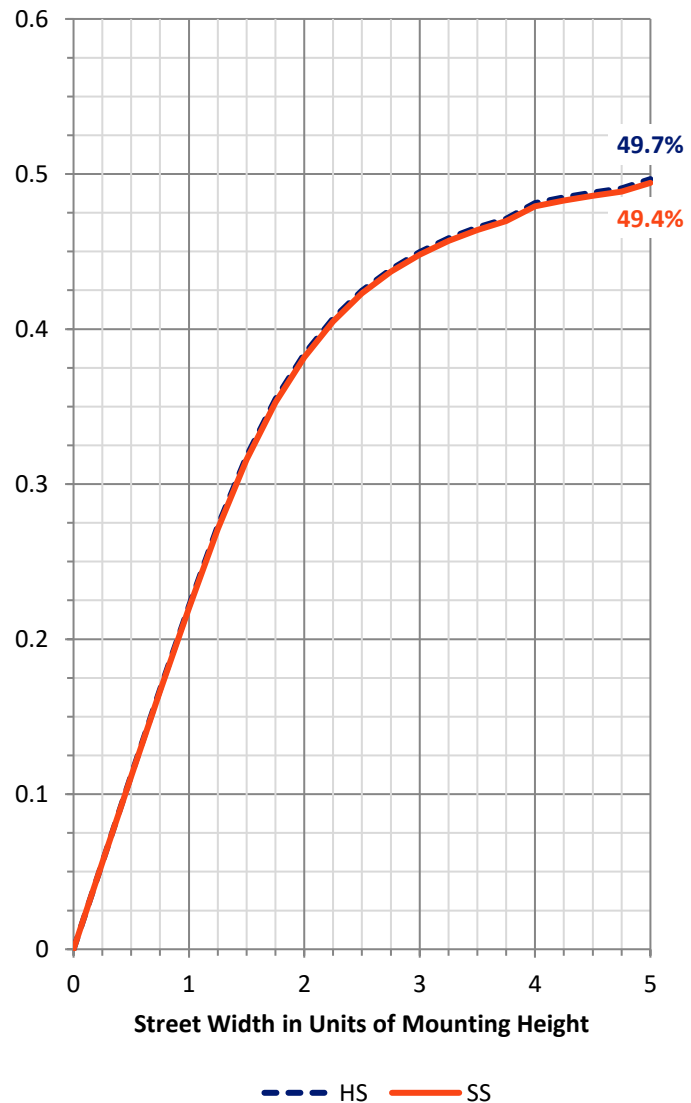
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4555.5	0.0	4555.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4555.5	0.0	4555.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9111.0	0.0	9111.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.7	0.4
10°-20°	127.6	1.4
20°-30°	260.2	2.9
30°-40°	496.7	5.5
40°-50°	1056.0	11.6
50°-60°	2082.0	22.9
60°-70°	2644.7	29.0
70°-80°	1983.1	21.8
80°-90°	423.0	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°	9111.0	100.0
0°-180°	9111.0	100.0



REPORT NUMBER: P253195

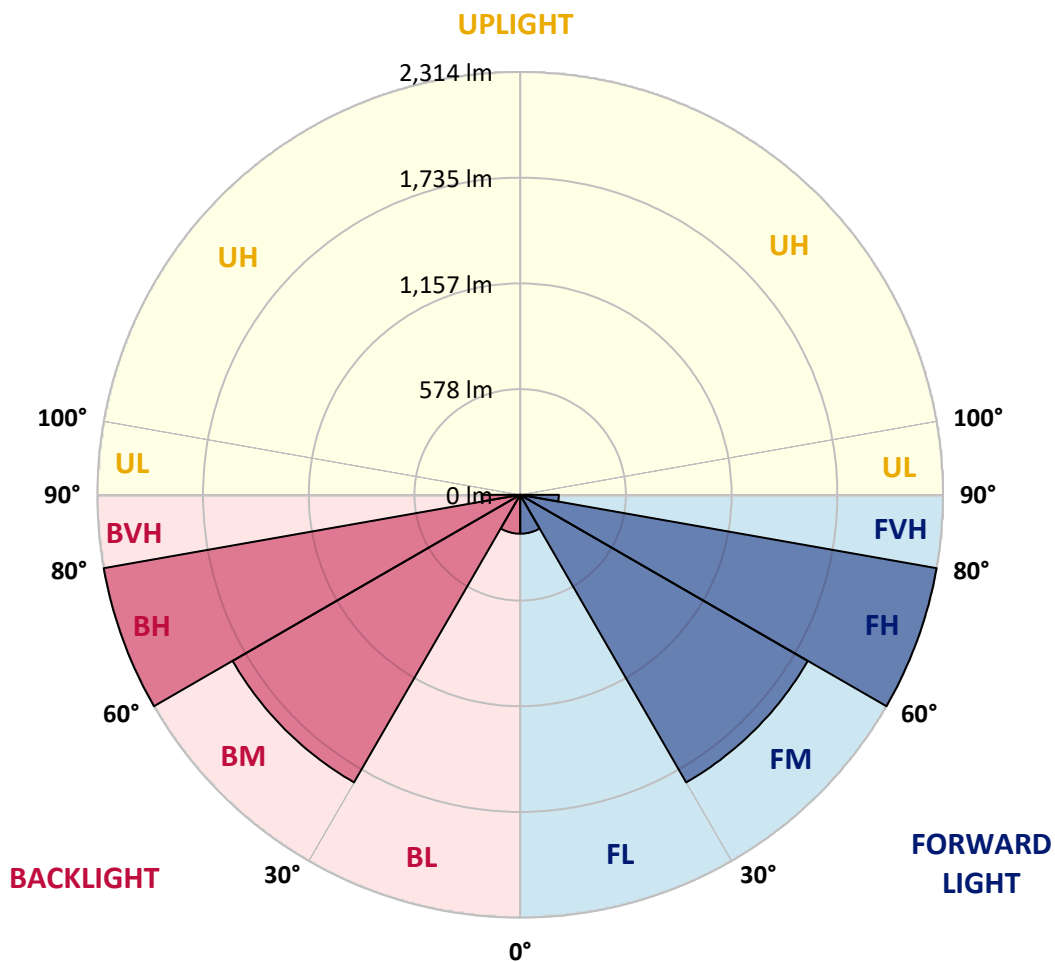
CATALOG NUMBER: LXS-B3-LED-D1-T5-A-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	212.7	2.3			
FM (30°-60°)	1817.4	19.9			
FH (60°-80°)	2313.9	25.4			G2/5000
FVH (80°-90°)	211.5	2.3			G2/225
BL (0°-30°)	212.7	2.3	B1/500		
BM (30°-60°)	1817.4	19.9	B2/2500		
BH (60°-80°)	2313.9	25.4	B3/2500		G2/5000
BVH (80°-90°)	211.5	2.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





REPORT NUMBER: P253195

CATALOG NUMBER: LXS-B3-LED-D1-T5-A-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2
2.5°	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2	380.2
5°	390.4	387.0	387.0	387.0	387.0	387.0	387.0	387.0	387.0	387.0	387.0
7.5°	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2
10°	410.8	410.8	410.8	410.8	410.8	410.8	407.4	407.4	407.4	407.4	407.4
12.5°	427.8	427.8	427.8	424.4	424.4	424.4	424.4	424.4	424.4	424.4	424.4
15°	444.7	444.7	444.7	444.7	444.7	441.3	441.3	441.3	441.3	441.3	441.3
17.5°	468.5	468.5	468.5	465.1	465.1	465.1	465.1	461.7	465.1	465.1	465.1
20°	495.6	495.6	492.3	492.3	492.3	492.3	488.9	488.9	488.9	488.9	488.9
22.5°	526.2	526.2	522.8	522.8	522.8	519.4	519.4	516.0	516.0	516.0	516.0
25°	560.2	560.2	556.8	556.8	556.8	553.4	550.0	550.0	550.0	550.0	550.0
27.5°	600.9	600.9	597.5	597.5	594.1	590.7	587.3	587.3	587.3	587.3	587.3
30°	648.4	648.4	648.4	645.0	641.6	638.2	634.8	631.4	631.4	631.4	631.4
32.5°	712.9	709.5	709.5	702.7	702.7	695.9	692.6	689.2	689.2	689.2	685.8
35°	791.0	787.6	784.2	784.2	777.4	770.6	763.8	760.4	757.1	757.1	757.1
37.5°	882.7	882.7	875.9	869.1	865.7	858.9	852.1	848.7	845.3	845.3	838.5
40°	998.1	998.1	994.7	987.9	977.7	970.9	970.9	964.1	960.7	957.3	954.0
42.5°	1157.6	1154.3	1147.5	1140.7	1137.3	1120.3	1116.9	1110.1	1106.7	1106.7	1099.9
45°	1357.9	1361.3	1354.5	1341.0	1337.6	1330.8	1313.8	1313.8	1303.6	1296.8	1300.2
47.5°	1595.6	1599.0	1588.8	1575.2	1561.6	1541.3	1548.1	1534.5	1531.1	1524.3	1514.1
50°	1863.8	1860.4	1850.2	1836.6	1833.2	1812.9	1806.1	1795.9	1789.1	1795.9	1782.3
52.5°	2182.9	2182.9	2169.3	2138.8	2121.8	2121.8	2104.8	2094.6	2084.4	2084.4	2074.3
55°	2437.5	2434.1	2417.1	2403.6	2390.0	2362.8	2366.2	2342.5	2322.1	2325.5	2339.1
57.5°	2607.2	2593.7	2583.5	2552.9	2549.5	2546.1	2508.8	2485.0	2485.0	2474.8	2485.0
60°	2692.1	2695.5	2675.1	2654.8	2634.4	2637.8	2597.1	2590.3	2576.7	2580.1	2590.3
62.5°	2736.3	2763.4	2760.0	2739.6	2770.2	2705.7	2732.9	2688.7	2671.8	2668.4	2661.6
65°	2807.5	2760.0	2746.4	2746.4	2760.0	2783.8	2736.3	2678.5	2678.5	2698.9	2702.3
67.5°	2658.2	2654.8	2671.8	2709.1	2685.3	2685.3	2641.2	2614.0	2600.5	2624.2	2610.6
70°	2420.5	2440.9	2444.3	2508.8	2556.3	2505.4	2512.2	2447.7	2430.7	2468.1	2440.9
72.5°	2210.1	2121.8	2186.3	2267.8	2298.3	2332.3	2277.9	2227.0	2210.1	2230.4	2237.2
75°	1867.2	1806.1	1894.3	1965.6	1965.6	2003.0	1938.5	1924.9	1921.5	1914.7	1921.5
77.5°	1466.6	1429.2	1486.9	1551.4	1605.8	1592.2	1575.2	1541.3	1548.1	1565.0	1551.4
80°	1069.4	1011.7	1049.0	1113.5	1174.6	1181.4	1188.2	1140.7	1133.9	1161.0	1157.6
82.5°	634.8	604.3	634.8	689.2	743.5	757.1	757.1	740.1	726.5	750.3	760.4
85°	217.3	241.0	224.1	241.0	281.8	292.0	302.1	292.0	302.1	319.1	298.7
87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
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)