

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: P253194

Luminaire Tested: **LXS-B2-LED-D1-T5-A-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P253194
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-B2-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: 4958 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G2

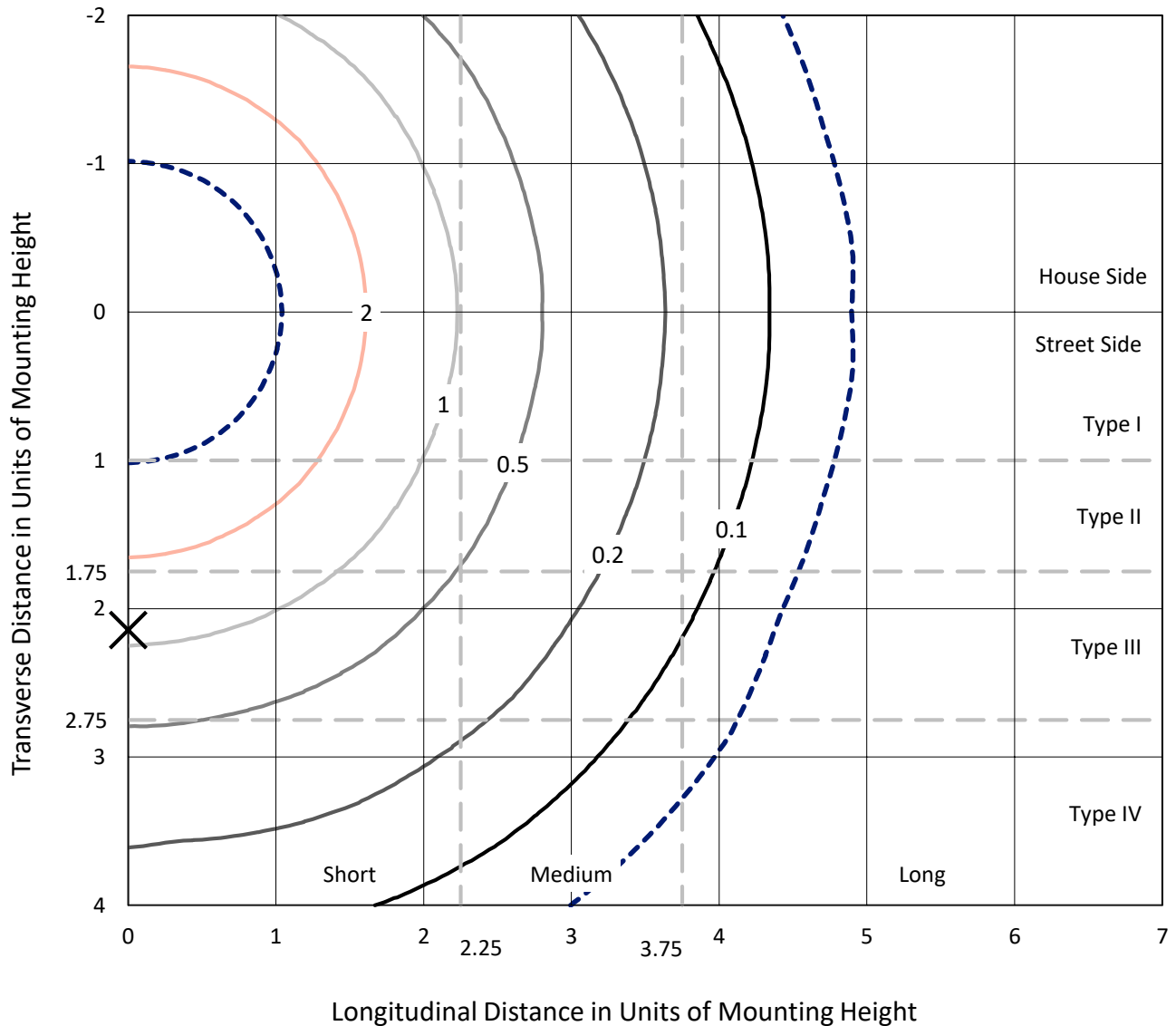
Input Watts (W): 41
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

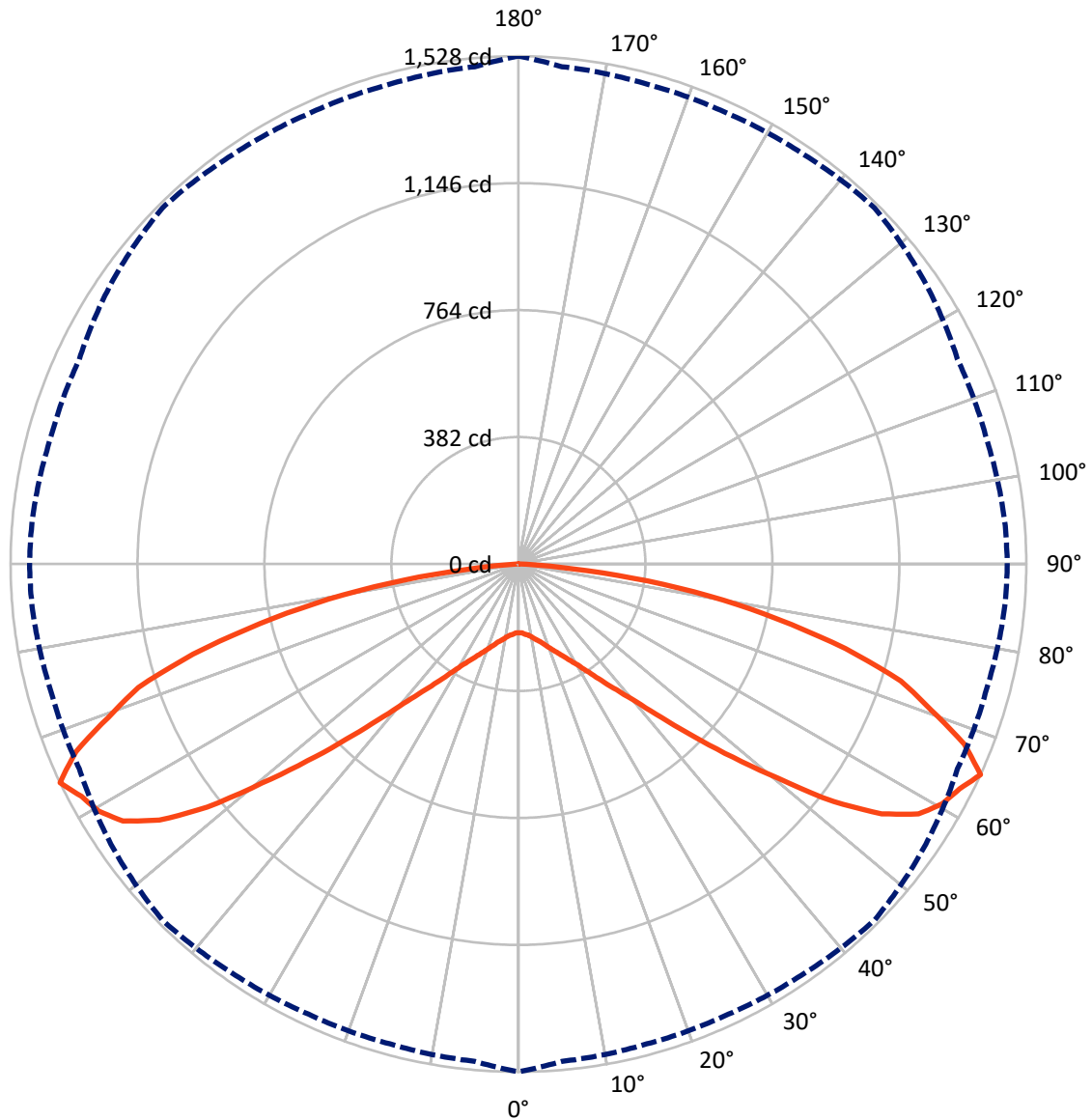


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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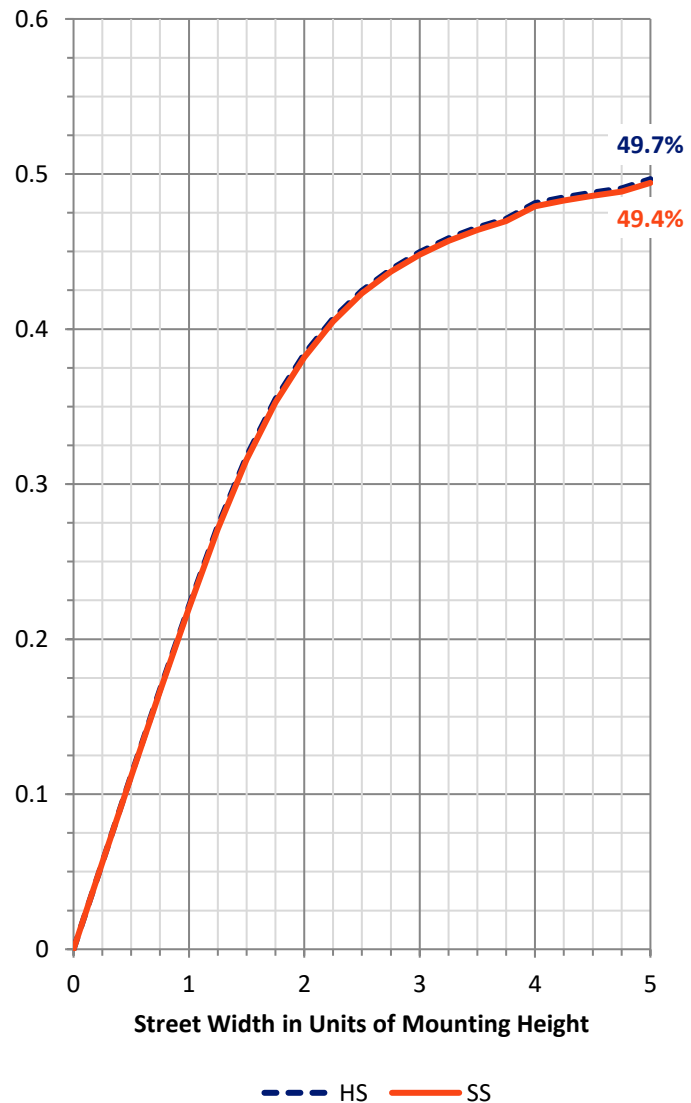
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2479.0	0.0	2479.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2479.0	0.0	2479.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4958.0	0.0	4958.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	0.4
10°-20°	69.4	1.4
20°-30°	141.6	2.9
30°-40°	270.3	5.5
40°-50°	574.7	11.6
50°-60°	1133.0	22.9
60°-70°	1439.2	29.0
70°-80°	1079.2	21.8
80°-90°	230.1	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°	4958.0	100.0
0°-180°	4958.0	100.0



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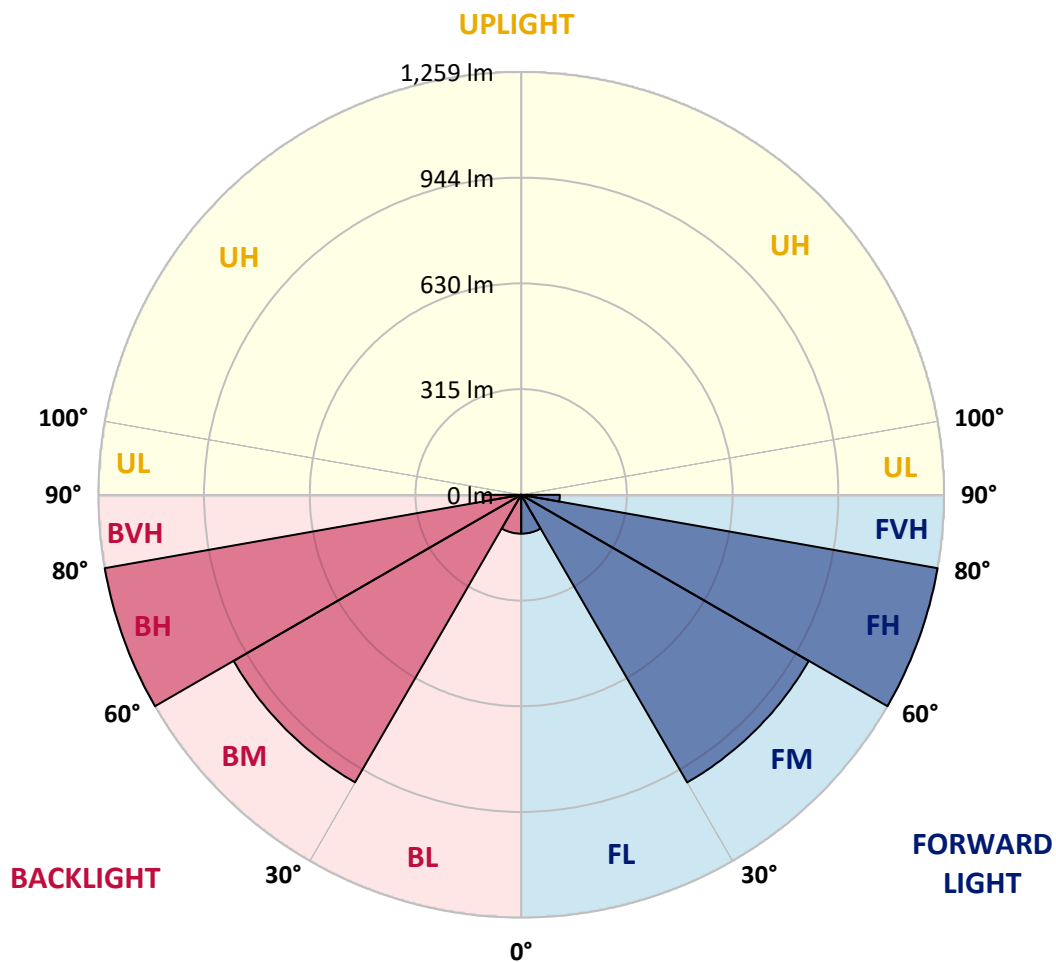
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	115.7	2.3			
FM (30°-60°)	989.0	19.9			
FH (60°-80°)	1259.2	25.4			G1/1800
FVH (80°-90°)	115.1	2.3			G2/225
BL (0°-30°)	115.7	2.3	B1/500		
BM (30°-60°)	989.0	19.9	B1/1000		
BH (60°-80°)	1259.2	25.4	B3/2500		G1/1800
BVH (80°-90°)	115.1	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9
2.5°	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.9
5°	212.5	210.6	210.6	210.6	210.6	210.6	210.6	210.6	210.6	210.6	210.6
7.5°	216.1	216.1	216.1	216.1	216.1	216.1	216.1	216.1	216.1	216.1	216.1
10°	223.5	223.5	223.5	223.5	223.5	223.5	221.7	221.7	221.7	221.7	221.7
12.5°	232.8	232.8	232.8	230.9	230.9	230.9	230.9	230.9	230.9	230.9	230.9
15°	242.0	242.0	242.0	242.0	242.0	240.2	240.2	240.2	240.2	240.2	240.2
17.5°	254.9	254.9	254.9	253.1	253.1	253.1	253.1	251.2	253.1	253.1	253.1
20°	269.7	269.7	267.9	267.9	267.9	267.9	266.0	266.0	266.0	266.0	266.0
22.5°	286.3	286.3	284.5	284.5	284.5	282.7	282.7	280.8	280.8	280.8	280.8
25°	304.8	304.8	303.0	303.0	303.0	301.1	299.3	299.3	299.3	299.3	299.3
27.5°	327.0	327.0	325.1	325.1	323.3	321.4	319.6	319.6	319.6	319.6	319.6
30°	352.9	352.9	352.9	351.0	349.2	347.3	345.5	343.6	343.6	343.6	343.6
32.5°	388.0	386.1	386.1	382.4	382.4	378.7	376.9	375.0	375.0	375.0	373.2
35°	430.4	428.6	426.8	426.8	423.1	419.4	415.7	413.8	412.0	412.0	412.0
37.5°	480.3	480.3	476.6	472.9	471.1	467.4	463.7	461.9	460.0	460.0	456.3
40°	543.1	543.1	541.3	537.6	532.1	528.4	528.4	524.7	522.8	521.0	519.1
42.5°	630.0	628.1	624.4	620.7	618.9	609.6	607.8	604.1	602.3	602.3	598.6
45°	739.0	740.8	737.1	729.7	727.9	724.2	714.9	714.9	709.4	705.7	707.6
47.5°	868.3	870.1	864.6	857.2	849.8	838.7	842.4	835.0	833.2	829.5	823.9
50°	1014.2	1012.4	1006.8	999.4	997.6	986.5	982.8	977.3	973.6	977.3	969.9
52.5°	1187.9	1187.9	1180.5	1163.9	1154.6	1154.6	1145.4	1139.8	1134.3	1134.3	1128.8
55°	1326.4	1324.6	1315.4	1308.0	1300.6	1285.8	1287.6	1274.7	1263.6	1265.5	1272.9
57.5°	1418.8	1411.4	1405.9	1389.2	1387.4	1385.6	1365.2	1352.3	1352.3	1346.8	1352.3
60°	1465.0	1466.8	1455.8	1444.7	1433.6	1435.4	1413.3	1409.6	1402.2	1404.0	1409.6
62.5°	1489.0	1503.8	1501.9	1490.9	1507.5	1472.4	1487.2	1463.1	1453.9	1452.1	1448.4
65°	1527.8	1501.9	1494.5	1494.5	1501.9	1514.9	1489.0	1457.6	1457.6	1468.7	1470.5
67.5°	1446.5	1444.7	1453.9	1474.2	1461.3	1461.3	1437.3	1422.5	1415.1	1428.0	1420.7
70°	1317.2	1328.3	1330.1	1365.2	1391.1	1363.4	1367.1	1332.0	1322.7	1343.1	1328.3
72.5°	1202.7	1154.6	1189.7	1234.1	1250.7	1269.2	1239.6	1211.9	1202.7	1213.7	1217.4
75°	1016.1	982.8	1030.9	1069.6	1069.6	1090.0	1054.9	1047.5	1045.6	1041.9	1045.6
77.5°	798.1	777.8	809.2	844.3	873.8	866.4	857.2	838.7	842.4	851.7	844.3
80°	581.9	550.5	570.8	605.9	639.2	642.9	646.6	620.7	617.0	631.8	630.0
82.5°	345.5	328.8	345.5	375.0	404.6	412.0	412.0	402.7	395.3	408.3	413.8
85°	118.2	131.2	121.9	131.2	153.3	158.9	164.4	158.9	164.4	173.7	162.6
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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)