

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1208341

Luminaire Tested: UPW-SA1-060-740-U-SL3

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2211-834-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-740-U-SL3
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL LIGHT
ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7167 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 59
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: 28.75 FT

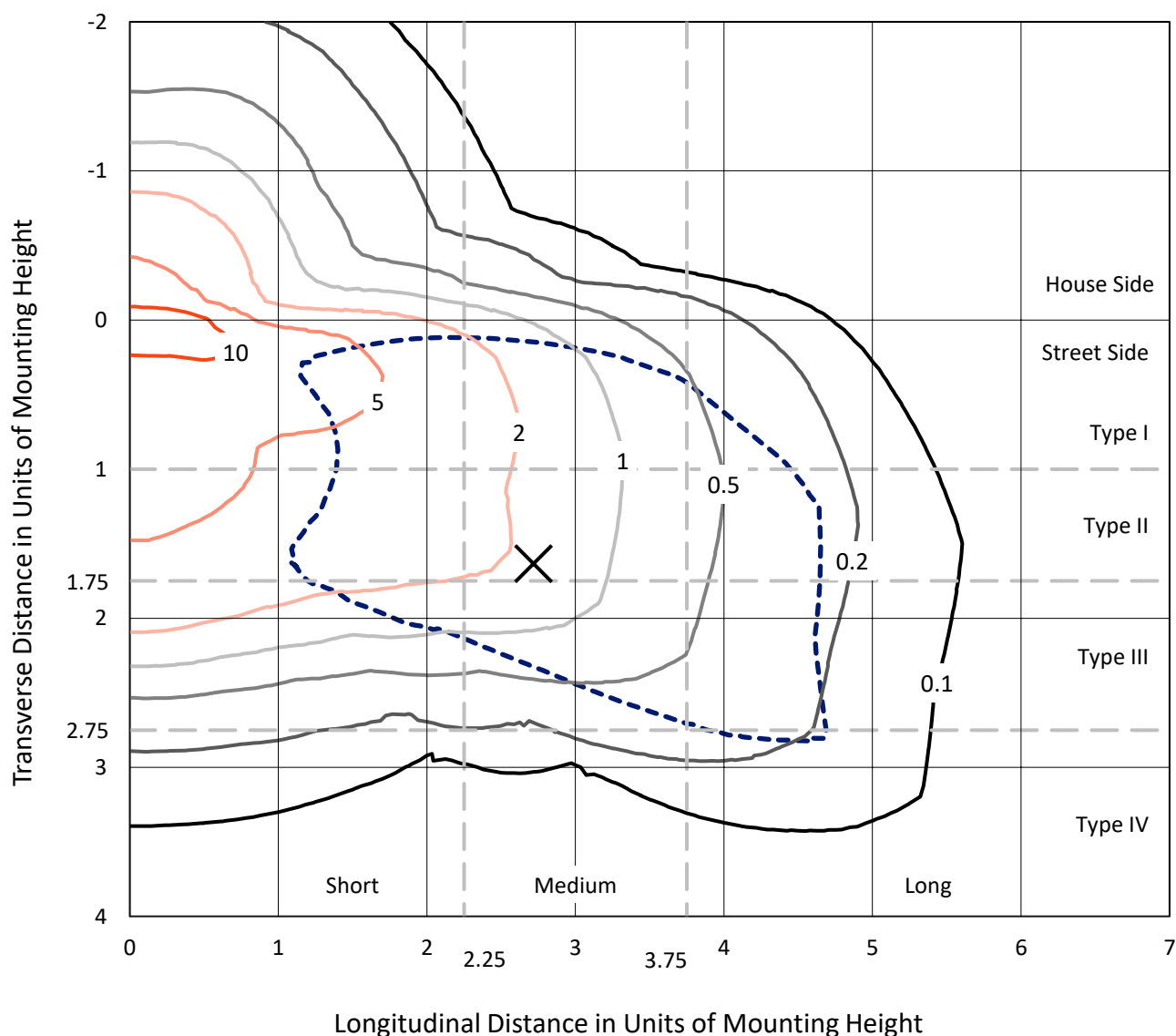


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

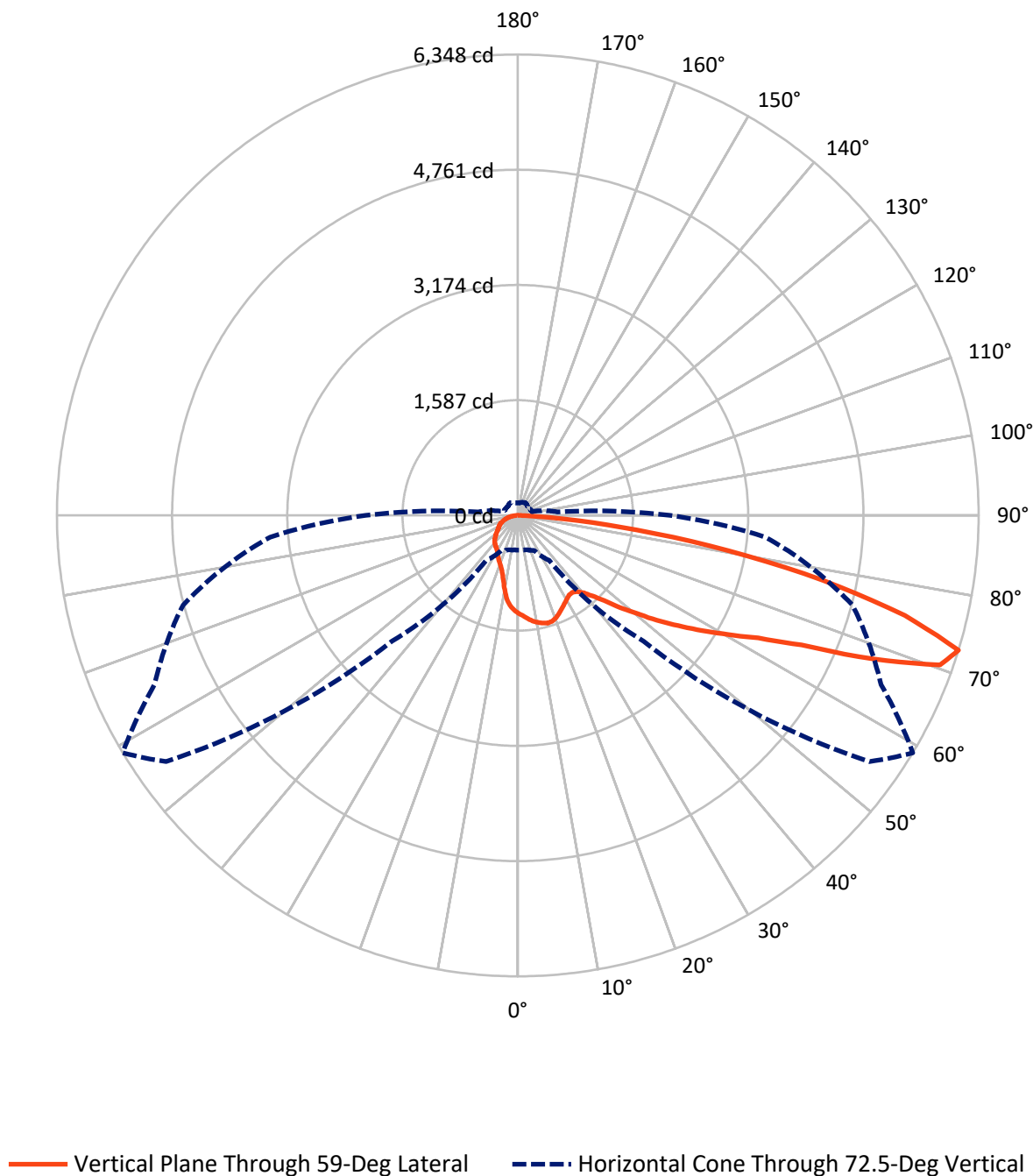


Based on 10 foot mounting height. Maximum calculated value = 14 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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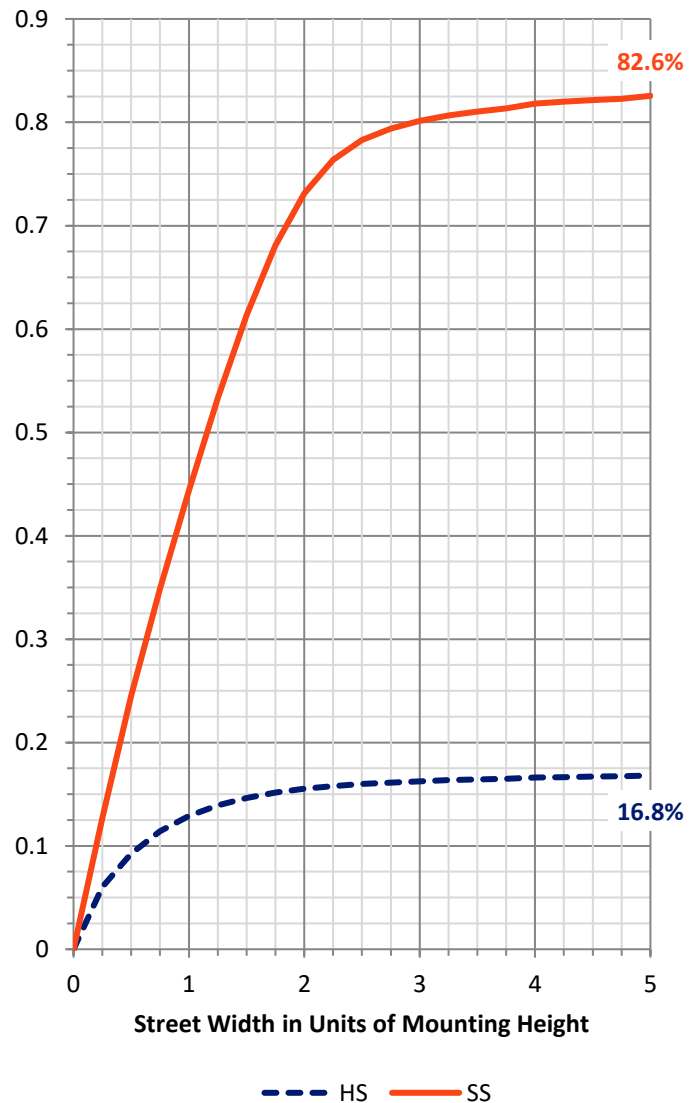
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1219.5	0.0	1219.5
	% Fixture	17.0	0.0	17.0
Street Side	Lumens	5947.5	0.0	5947.5
	% Fixture	83.0	0.0	83.0
Total	Lumens	7167.0	0.0	7167.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	1.7
10°-20°	309.6	4.3
20°-30°	455.3	6.4
30°-40°	625.5	8.7
40°-50°	934.4	13.0
50°-60°	1424.0	19.9
60°-70°	1825.2	25.5
70°-80°	1261.7	17.6
80°-90°	209.9	2.9
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°	7167.0	100.0
0°-180°	7167.0	100.0

Coefficient of Utilization



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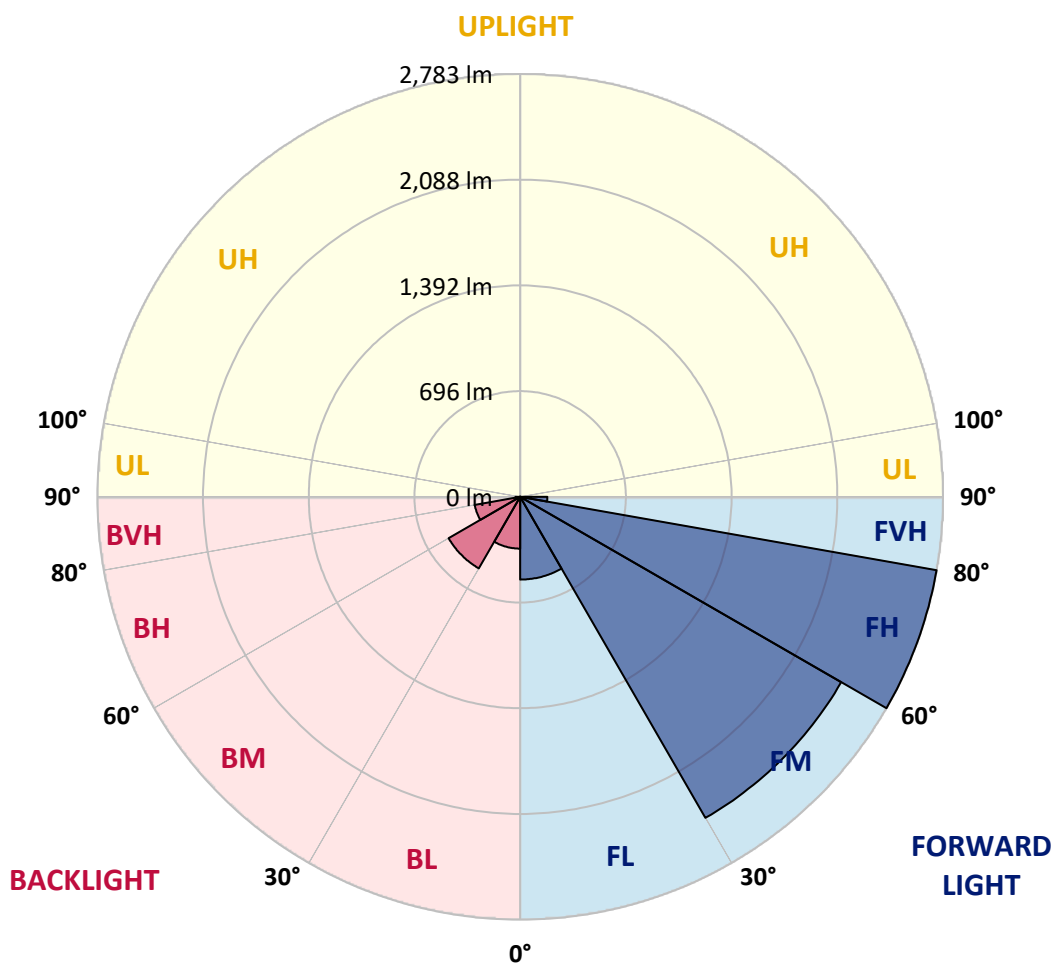
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	544.9	7.6			
FM	(30°-60°)	2440.1	34.0			
FH	(60°-80°)	2783.4	38.8			G2/5000
FVH	(80°-90°)	179.1	2.5			G2/225
BL	(0°-30°)	341.3	4.8	B1/500		
BM	(30°-60°)	543.9	7.6	B1/1000		
BH	(60°-80°)	303.5	4.2	B1/500		G1/500
BVH	(80°-90°)	30.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4
2.5°	1407.0	1403.0	1405.0	1408.0	1400.1	1401.0	1391.1	1383.2	1377.2	1373.2	1364.3
5°	1441.8	1431.9	1435.8	1444.8	1435.8	1443.8	1432.8	1426.9	1416.9	1411.0	1391.1
7.5°	1413.0	1406.0	1416.0	1438.8	1449.7	1470.6	1472.6	1468.6	1464.6	1451.7	1426.9
10°	1279.8	1275.8	1301.7	1362.3	1413.0	1463.6	1497.4	1497.4	1499.4	1490.5	1460.7
12.5°	1110.9	1107.9	1141.7	1216.2	1315.6	1431.9	1512.3	1521.3	1537.2	1534.2	1496.4
15°	998.6	996.6	1023.5	1083.1	1185.4	1350.4	1510.3	1540.2	1572.9	1579.9	1533.2
17.5°	941.0	941.0	959.9	1005.6	1076.1	1237.1	1466.6	1532.2	1598.8	1631.6	1574.9
20°	925.1	923.1	934.0	961.9	1010.5	1135.7	1401.0	1504.4	1618.7	1673.3	1601.8
22.5°	933.0	931.1	935.0	948.9	976.8	1068.2	1330.5	1462.7	1629.6	1710.1	1625.6
25°	971.8	969.8	964.8	963.8	969.8	1036.4	1259.0	1416.0	1640.5	1762.7	1654.4
27.5°	1047.3	1041.3	1024.5	1008.6	992.7	1029.4	1213.2	1374.2	1654.4	1806.5	1672.3
30°	1144.7	1142.7	1121.8	1092.0	1039.4	1045.3	1184.4	1335.5	1654.4	1840.2	1671.3
32.5°	1216.2	1217.2	1213.2	1195.4	1120.8	1081.1	1173.5	1303.7	1651.4	1886.9	1675.3
35°	1291.7	1291.7	1281.8	1281.8	1233.1	1150.6	1189.4	1300.7	1668.3	1964.4	1704.1
37.5°	1419.9	1417.9	1397.1	1376.2	1340.4	1262.9	1236.1	1329.5	1715.0	2088.7	1742.9
40°	1588.8	1592.8	1550.1	1492.5	1450.7	1393.1	1323.5	1403.0	1787.6	2236.7	1792.5
42.5°	1792.5	1803.5	1736.9	1657.4	1584.9	1509.4	1445.8	1520.3	1915.8	2447.4	1878.0
45°	2042.9	2032.0	1948.5	1842.2	1746.8	1618.7	1579.9	1672.3	2082.7	2732.5	2009.2
47.5°	2260.6	2266.5	2164.2	2047.9	1929.7	1751.8	1749.8	1894.9	2303.3	3024.7	2160.2
50°	2472.2	2490.1	2376.8	2254.6	2128.4	1900.9	1964.4	2115.5	2539.8	3322.8	2347.0
52.5°	2638.1	2650.1	2544.7	2439.4	2314.2	2097.6	2217.8	2398.7	2779.2	3607.9	2561.6
55°	2769.3	2786.2	2668.0	2580.5	2485.1	2312.2	2508.0	2677.9	3027.7	3873.2	2781.2
57.5°	2947.2	2957.1	2808.1	2731.5	2642.1	2556.7	2826.9	2991.9	3294.0	4098.8	3008.8
60°	3083.3	3089.3	2935.2	2911.4	2909.4	2893.5	3181.7	3328.7	3544.4	4309.5	3241.3
62.5°	2965.1	2965.1	2858.7	2925.3	3166.8	3447.0	3673.5	3717.2	3802.7	4514.2	3464.9
65°	2349.0	2372.8	2384.8	2608.3	3147.9	4013.4	4489.3	4296.5	4125.6	4702.0	3647.7
67.5°	1233.1	1280.8	1391.1	1776.6	2595.4	4220.0	5534.6	5279.3	4583.7	4828.1	3719.2
70°	628.0	641.9	699.5	915.2	1633.6	3676.5	6155.7	6170.6	5130.2	4882.8	3667.6
72.5°	477.0	477.0	489.9	532.6	755.2	2452.3	5912.2	6348.4	5521.7	4772.5	3424.1
75°	397.5	402.4	428.3	434.2	381.6	1272.9	4795.4	5507.8	5105.4	4368.1	2990.9
77.5°	319.0	321.9	362.7	386.5	257.4	544.5	3496.7	4298.5	3936.8	3530.4	2106.5
80°	240.5	245.4	282.2	330.9	190.8	261.3	2355.9	2940.2	2463.3	2164.2	972.8
82.5°	161.0	163.0	192.8	261.3	141.1	145.1	1388.1	1647.5	1197.3	810.8	255.4
85°	98.4	100.4	120.2	168.9	93.4	77.5	616.1	636.9	378.6	192.8	91.4
87.5°	44.7	49.7	62.6	81.5	46.7	31.8	103.3	101.4	74.5	69.6	38.8
90°	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4	1349.4
2.5°	1351.4	1340.4	1329.5	1314.6	1301.7	1279.8	1264.9	1250.0	1242.1	1240.1	1237.1
5°	1375.2	1356.3	1324.5	1282.8	1237.1	1185.4	1136.7	1094.0	1065.2	1056.3	1060.2
7.5°	1403.0	1376.2	1313.6	1233.1	1140.7	1039.4	953.9	898.3	863.5	843.6	847.6
10°	1427.9	1389.1	1289.8	1154.6	996.6	869.4	801.9	763.1	745.2	743.3	742.3
12.5°	1452.7	1402.0	1253.0	1042.3	867.5	767.1	733.3	722.4	720.4	722.4	721.4
15°	1481.5	1409.0	1190.4	926.1	776.0	724.4	713.4	710.5	711.5	716.4	715.4
17.5°	1505.4	1406.0	1093.0	820.8	727.4	703.5	693.6	688.6	693.6	702.5	702.5
20°	1513.3	1377.2	980.7	747.2	700.5	680.7	666.7	658.8	664.8	675.7	677.7
22.5°	1507.4	1322.5	865.5	695.6	672.7	653.8	638.9	631.0	633.9	641.9	642.9
25°	1498.4	1251.0	764.1	655.8	636.9	622.0	618.1	608.1	603.1	608.1	609.1
27.5°	1471.6	1156.6	680.7	615.1	597.2	599.2	597.2	588.2	581.3	580.3	582.3
30°	1412.0	1025.4	618.1	573.3	567.4	578.3	578.3	565.4	552.5	550.5	553.5
32.5°	1340.4	891.3	566.4	538.6	550.5	556.4	556.4	545.5	532.6	524.6	528.6
35°	1269.9	764.1	526.6	514.7	537.6	542.5	537.6	533.6	512.7	492.9	497.8
37.5°	1188.4	654.8	491.9	496.8	522.7	524.6	524.6	510.7	482.9	466.0	470.0
40°	1100.0	572.3	463.0	480.9	506.8	506.8	498.8	489.9	476.0	459.1	461.1
42.5°	1043.3	516.7	441.2	464.0	481.9	487.9	470.0	477.0	465.0	447.1	449.1
45°	1035.4	481.9	423.3	438.2	454.1	452.1	453.1	458.1	447.1	423.3	422.3
47.5°	1084.1	471.0	406.4	409.4	423.3	430.3	436.2	438.2	422.3	396.5	392.5
50°	1192.4	489.9	389.5	383.5	395.5	411.4	417.3	420.3	401.4	374.6	370.6
52.5°	1359.3	548.5	374.6	361.7	360.7	388.5	405.4	413.4	383.5	354.7	352.7
55°	1544.1	628.0	354.7	342.8	331.9	370.6	395.5	404.4	366.7	328.9	325.9
57.5°	1740.9	722.4	331.9	323.9	311.0	353.7	377.6	384.5	340.8	298.1	296.1
60°	1946.6	806.8	310.0	303.1	296.1	330.9	355.7	357.7	317.0	274.2	272.3
62.5°	2132.4	864.5	289.2	281.2	281.2	304.1	329.9	327.9	292.1	252.4	250.4
65°	2269.5	857.5	270.3	260.3	264.3	275.2	298.1	291.1	265.3	231.5	229.5
67.5°	2325.1	784.0	252.4	241.5	242.5	245.4	264.3	259.3	238.5	210.7	209.7
70°	2267.5	651.8	229.5	215.6	213.6	214.6	233.5	224.6	209.7	191.8	190.8
72.5°	2095.6	546.5	203.7	191.8	187.8	184.8	200.7	196.7	185.8	170.9	171.9
75°	1837.3	472.0	175.9	167.9	161.0	158.0	170.9	168.9	161.0	151.0	151.0
77.5°	1283.8	344.8	145.1	142.1	138.1	132.2	142.1	143.1	138.1	135.1	134.1
80°	556.4	192.8	114.3	116.3	111.3	107.3	115.3	116.3	120.2	116.3	117.3
82.5°	161.0	95.4	82.5	88.4	86.4	82.5	86.4	95.4	89.4	78.5	80.5
85°	59.6	45.7	51.7	55.6	52.7	41.7	54.7	62.6	56.6	52.7	53.7
87.5°	22.9	16.9	21.9	18.9	14.9	10.9	18.9	20.9	27.8	10.9	8.9
90°	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)