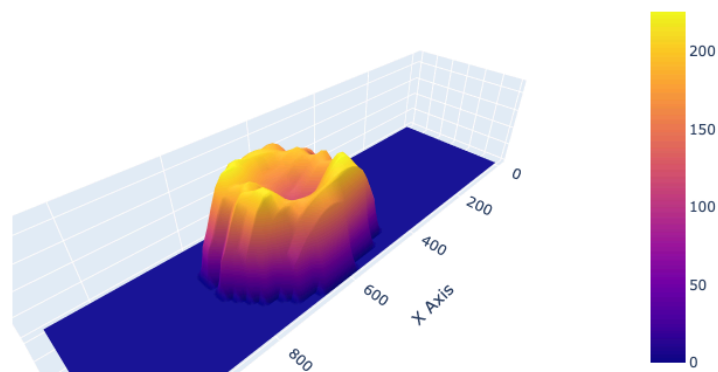


# Lechler Report

## Full Cone at 2cm intervals

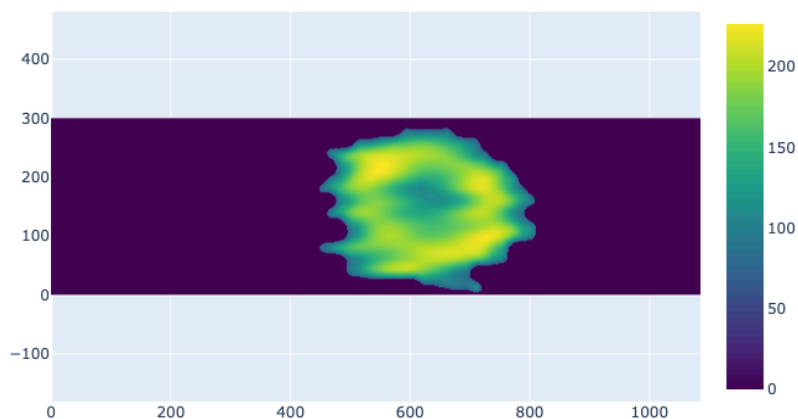
3D plot

3D plot with Width 387.5mm



## Heatmap

Heatmap

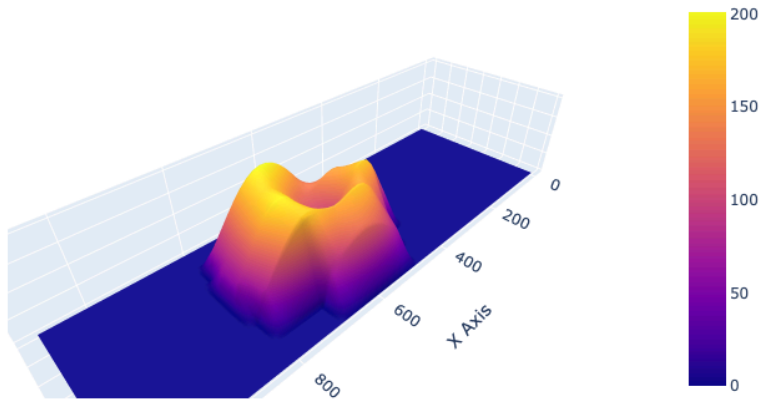


Width = 38.75 cm, Spray Angle 65.711 degrees

# Full Cone at 5cm intervals

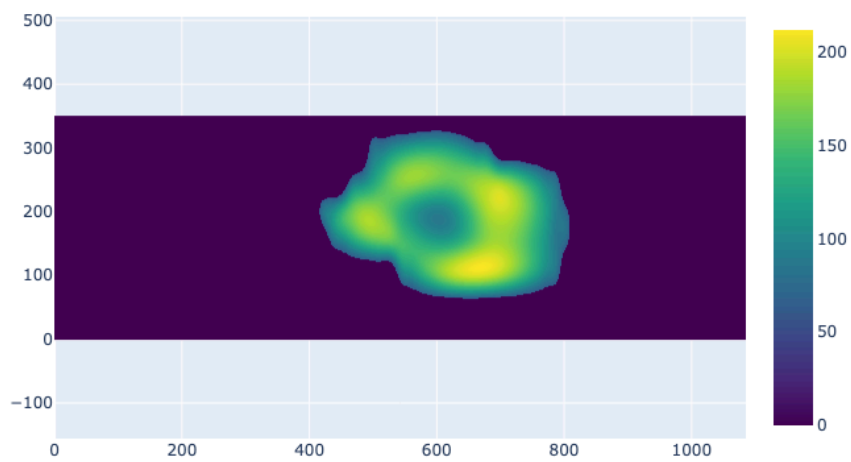
3D plot

3D plot with Width 418.5mm



Heatmap

Heatmap

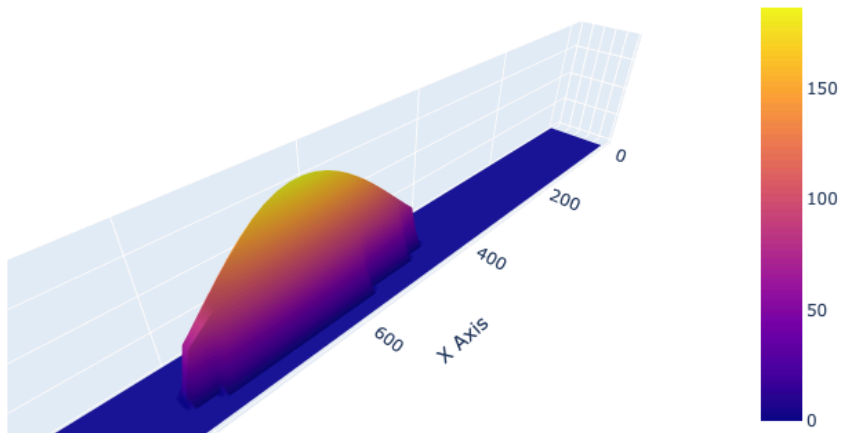


Width = 41.85 cm, Spray Angle 69.792 degrees

## Flat head at 1cm intervals

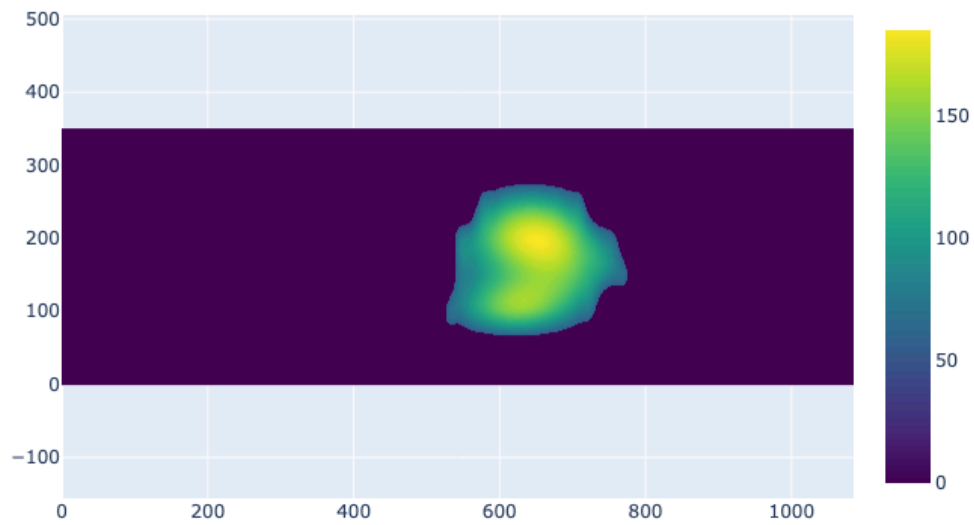
3D plot

3D plot with Width 356.5mm



Heatmap

Heatmap

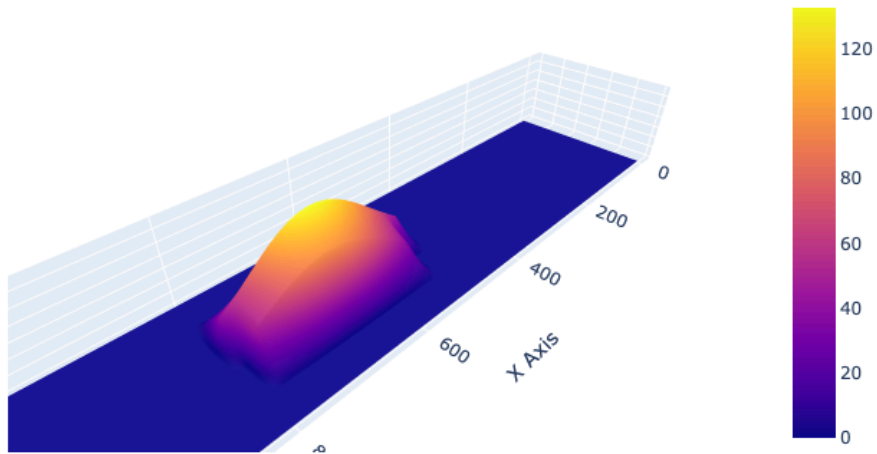


Width = 35.65 cm, Spray Angle 61.435 degrees

# Flatjet at 3cm intervals

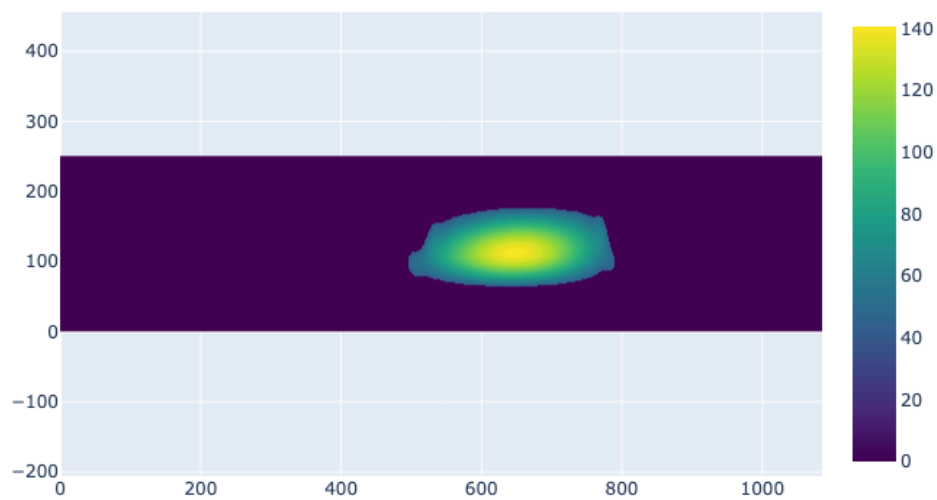
3D plot

3D plot with Width 325.5mm



Heatmap

Heatmap

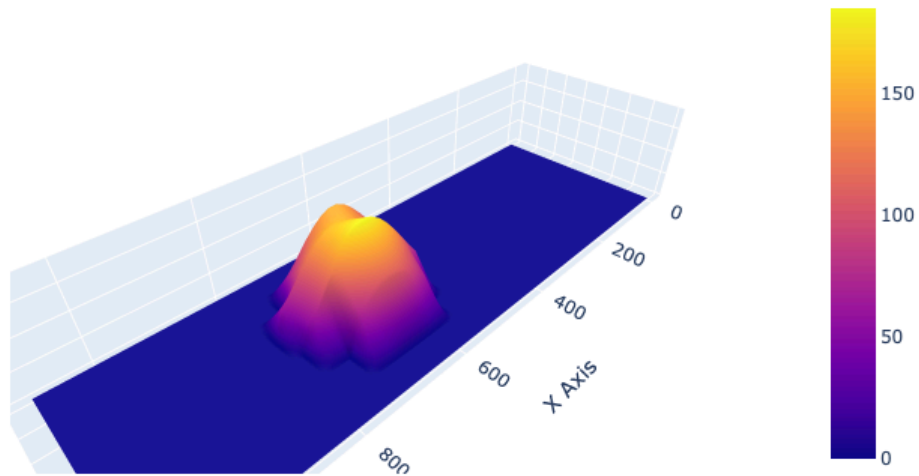


Width = 32.55 cm, Spray Angle 56.96 degrees

## New Full Cone at 5cm intervals

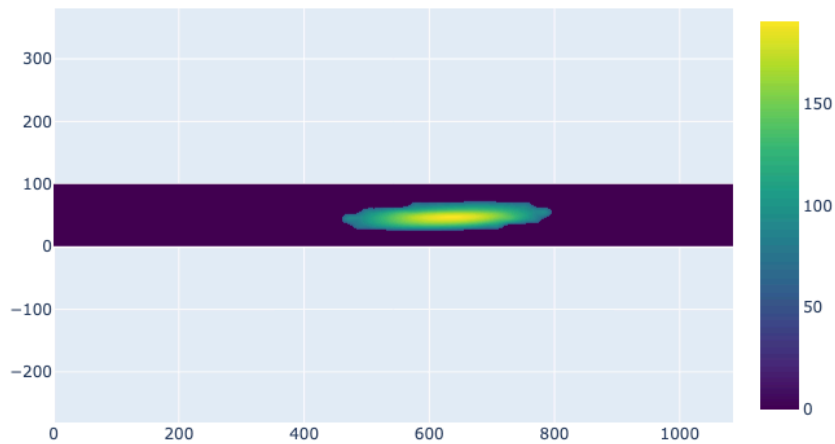
3D plot

3D plot with Width 279.0mm



Heatmap

Heatmap



Width = 27.9 cm, Spray Angle 49.877 degrees

New Full Cone at 5cm intervals and Faltjet Cross Angle could not be compiled since there were only 3 readings, the code requires ATLEAST 4 readings.

## Summary

Nozzle	Width (cm)	Spray Angle(degrees)
Full Cone at 2 cm intervals	38.75	65.711
Full Cone at 5 cm intervals	41.85	69.792
Flathead at 1 cm intervals	35.65	61.495
Flatjet at 3 cm intervals	32.55	56.96
New Full Cone at 5 cm intervals	27.9	49.877