



Guido Groet - CCO



# the only company in the world able to 3D print lenses





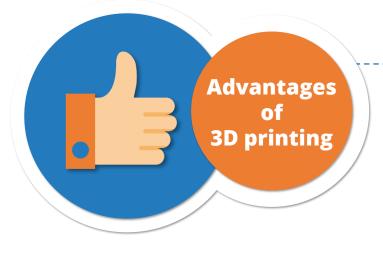
Speed of delivery

No upfront investments no, tooling

Mass Customization

No inventory, less working capital

Freedom of shape and functionality





Fully transparent materials

Smooth surfaces

Accuracy

High speed printing

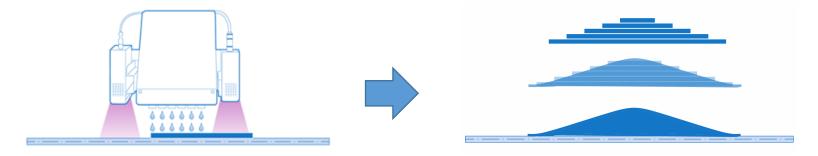
Integration of electronics



## **Leader in 3D printing of optics**



- From design to product in one go
- No polishing
- 50+ patents in 20+ Patent families
- Developed own printers, materials and processes
- Speed: 30-60 lenses per hour





## Unique benefits of the technology



Quick turnaround time

Glasses are unique to a user. We reduce processing to one hour.



Improve efficiency

Eliminate \$2B in stocks in semi finished lenses, 10+ machines and process steps, simplifying processing and reducing cost.



Optimize designs

Progressive lenses are currently only processed on the inside, we do both sides, creating an optimal design.



Green solution

Our process significantly reduces waste, has a lower carbon footprint and eliminates lead and cadmium from the process: make a better world.

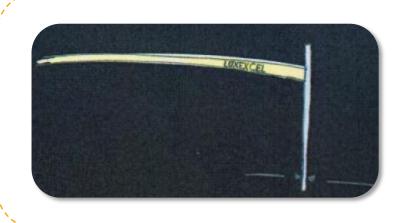


Unique features

We can integrate sensors, camera's and active filters in the lens. We also provide freedom in frame shapes



## Find unique differentiators: examples

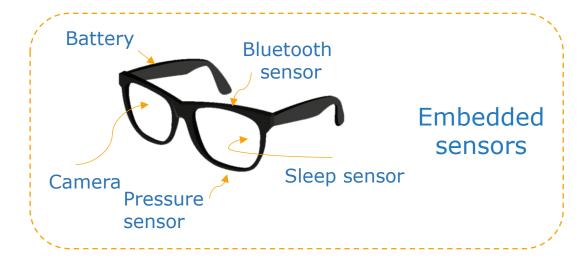


Flatter glasses



Switchable Filters







#### What is the current status?



#### Further develop the technology



**Alpha** 



### What is the current status?



**Polycarbonate** 

**Refractive Index** 

1.53

1.59

**Abbe value** 

45

30

Weight

1.15 g/cm3

1.20 g/cm3

Compliant with FDA dropball test

Compliant with industry coatings







## Bring unique benefits to ophthalmic



