

# Perfactory<sup>®</sup> LED

Let us print your part!<sup>1</sup>

## Perfactory 4 LED XXL

The Perfactory 4 XXL brings new, larger size capabilities to EnvisionTEC's custom LED light system of DLP 3D printing. This new LED system is more powerful and efficient than other light projector systems on the market. As such, it offers a variety of benefits, such as lower operating costs and crisper black-white contrast between pixels, which means even better final part detail.

With this product enhancement, the Perfactory 4 LED XXL, offers the highest accuracy and best resolution in the vat polymerization market. It also includes the most powerful and cost-efficient light source. All this, plus the largest build envelope available in a DLP 3D printer.



Machine Properties <sup>2</sup>	P4 LED XXL
Build Envelope Inches (mm)	9.1 x 5.7 x 7.9 in (230 x 144 x 200 mm)
Native Voxel Size XY	0.005 in. (120 µm)
ERM Voxel Size XY	0.002 in. (60 µm)
Dynamic Voxel Resolution in Z	0.0010 in. (25 µm) to 0.0050 in. (150 µm)
Projector Resolution	1920 x 1200 Pixels
Data Handling	STL
Warranty	1 year included

## System Properties

- LED outperforms the original P4 UHP lightsource in cost savings and has an estimated lift expectancy of 10,000 hours
- Economic material use with no vat
- Minimized components make the system user serviceable
- Low acquisition costs
- Delivered and installed with all relevant software to enable automatic support generation and perfect model production
- Material changeover can be done quickly and easily

Footprint (L x W x H): 29" x 19" x 53" (73 x 48 x 135 cm)

Weight: 199 lbs (85 kg)

Electrical Requirements: 100-120V, 5.4 Amp or 220-240V, 2.4 Amp

<sup>1</sup> Learn more at [EnvisionTEC.com/printmypart](http://EnvisionTEC.com/printmypart)

<sup>2</sup> Specifications are subject to change without notice