

Retrofit LED: railway application 100% retrofit LED solution

DR. FISCHER Group has a know-how and expertise in the field of Railway LED applications. We take care of your project from design to production according to your specifications

Our custom solution Analysis of your requirements Our engineering department study your project Lead times estimation and pricing Prototype **Product validation** Manufacturing in our factory in Pont-à-Mousson

Pont à Mousson's factory has a certified lighting laboratory. This allows us to design, manufacture and guarantee LED lamps.

CAD

Rhinoceros & DiaLux : these softwares are for preliminary study of solutions

NX Unigraphics et Autodesk Invertor: mechanical design

Cadstar: electronic boards design

Physical measurements

Integrating Spheres : Measuring both luminous flux and color

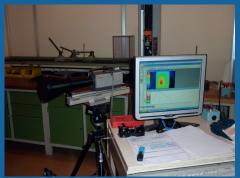
temperature

Spectrocolorimeter

Goniometer

Infrared camera for thermal measurements

Tridimensional measurement machine



Thermal measurements



Old generation lamp (incandescence technology)

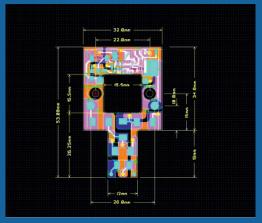


New generation lamp (LED technology)

DR. FISCHER is the leader in Europe for railway lamps.



Integrating Spheres



Electronic boards design



















LED luminaires



Halogen lamps for medical use

DR. FISCHER Europe will be at InnoTrans 2018, the biggest trade fair in the railway industry.

