

# Contact

Technical University of Ostrava  
17. listopadu 2172/15  
708 00 Ostrava – Poruba  
info.cbe@vsb.cz

VSB TECHNICAL  
UNIVERSITY  
OF OSTRAVA

FACULTY OF ELECTRICAL  
ENGINEERING AND COMPUTER  
SCIENCE

DEPARTMENT OF CYBERNETICS  
AND BIOMEDICAL ENGINEERING



Partners:



AUTOMOTIVE  
LIGHTING



## IN LINE MEASUREMENT

[instagram.com/kkbi.vsb.cz](https://www.instagram.com/kkbi.vsb.cz)  
[facebook.com/kkbi.vsb.cz](https://www.facebook.com/kkbi.vsb.cz)

## CONTRACTED RESEARCH PROJECT



DURATION:

2017

-

PRESENT

The aim of this research in cooperation with ELVAC is to develop an optimization software, that is able to adjust the vehicle headlamp fixing screws in order to fits a headlamp as well as possible when it is mounted to a bodywork. Vehicle headlamps have defined points on the glass, which must meet strict tolerances. An optimal settings of calibration screws results in minimal tolerances of the tested points and minimal overall geometric error of a headlamp.