

## Automotive Lighting Function Owner System Engineer

---

❖ **DEPARTMENT/FUNCTION:** Automotive Lighting devices

❖ **Workplace:** Turin, Italy

❖ **Positions required:** 3 Open positions

❖ **Required Hard and Soft Skills:**

- The Lighting Function Owner, in collaboration with team, will act as point of contact for all lighting functions topics internally and externally and will be involved in all the different perimeter on the basis of different specific projects (interior as well as exterior lighting, show cars small series, series project)
- The Lighting Function Owner will collaborate in:
  - Negotiating functional requirements with customers, suppliers as well as with other involved perimeters/interfaces.
  - Defining/deriving Lighting Function Key Performance Indicators
  - Analyzing lighting functional issues reported by project team or customer and supplier
  - Planning, tracking and reporting on closure of lighting functional issues
  - Developing strategies for lighting functional performances testing
  - Supporting lighting functional strategy development
  - Providing support for effort estimation of change requests or RFI/RFQ
  - Checking and ensuring quality of engineering deliverables
- IG/EE-Lighting keep the right to evaluate the quality of the tasks and in case of risk for the quality/results, can ask for recovery plans including the substitution.
- Minimum requirement is Bachelor's in Engineering, Math, Physics, Computer Science or related subjects. Master's degree is preferred

❖ **Technical Skills:**

- 5+ years of experience in automotive lighting system with a focus on electronic aspects for Exterior and Interior Lighting.
- Experience in requirements definition, derivation, construction and management.
- Experience in electronic architecture for automotive systems.
- Competences regarding CAN and LIN networks.
- Competences regarding on-board diagnostics.
- General knowledge about automotive ECUs BCM and AFS.
- Familiar with electronic light control modules (better if LMS ECUs) including dataset configuration.
- Knowledge of zFAS ECU would be appreciated.
- General competences regarding EMC aspects in automotive systems.
- General competences regarding thermal analysis for automotive lighting components.
- General competences regarding electronic automotive validation and integration process.
- Familiar with the following tools: Vector CANoe/CANalyzer, ODIS/Idex, oscilloscope, multimeter.

- MS Office (Excel, Power Point, Outlook) knowledge.

❖ **Soft Skills:**

- Good communication skills
- Good negotiation skills
- Good level of autonomy
- Self-motivated with the ability to manage multiple task
- Structured and analytical
- Solution oriented
- Flexible and hard working
- Available to travel

❖ **Language skills:** Italian and English are mandatory and German would be nice to have to share information with customer, partners and eventually suppliers.

❖ **Eligibility and closing date:** This vacancy will be filled as soon as possible, and applications should normally reach us no later than 31.12.2021

❖ **Email to send your CV:** [fcarlevato@micla.info](mailto:fcarlevato@micla.info)

**ABOUT MICLA -ENGINEERING & DESIGN SERVICES FOR INDUSTRIAL PROJECTS**

MICLA was founded in 2005 in Turin with the aim to support its clients, offering qualified resources in automotive area and generally in industry. Today, with over 15 years of experience, MICLA can count on over 200 collaborators in Italy, Germany and Brazil owning diversified skills and experiences, from design to the entire product development cycle.

**AUTOMOTIVE.** MICLA offers engineering and design services for international customers, supporting the automotive sector since the beginning, and, from 2017, delivering productive activities.

**RAILWAY.** MICLA is convinced that digital technologies will enable the rail sector to improve its appeal and capacity, especially when fully integrated in the design, operation and maintenance phases. The innovation will focus on control systems and communication with signaling systems in order to fully automate the railway sector and improve traffic flows.

**AERONAUTICAL.** Thanks to its aeronautical engineers, MICLA is on the front line of researching about new technology in military or civilian aviation. Including aircraft design and development, manufacturing and flight experimentation, jet engine production and experimentation, and drone (unmanned aerial system) development.

**BOATS** MICLA's primary responsibility is to maintain the mechanical propulsion systems of marine vessels, including engines, pumps, boilers and generators. Additional responsibilities include maintaining electrical, refrigeration, ventilation, heating and cooling systems.