

# MOANA

## Environmental file

MOANA achieves the alliance of opposites; the wise fluidity of its line tempers the force of its intentions; its momentum is expressed with restraint and an elegant sobriety adorns an assertive character. This happy balance opens up a range of contexts for MOANA, from functional uses to decorative applications, particularly in association with molded aluminum brackets and brackets.



# MOANA

With a totally integrated approach, the company is always guided by the same desire, that of "TO LIGHT IT JUST".

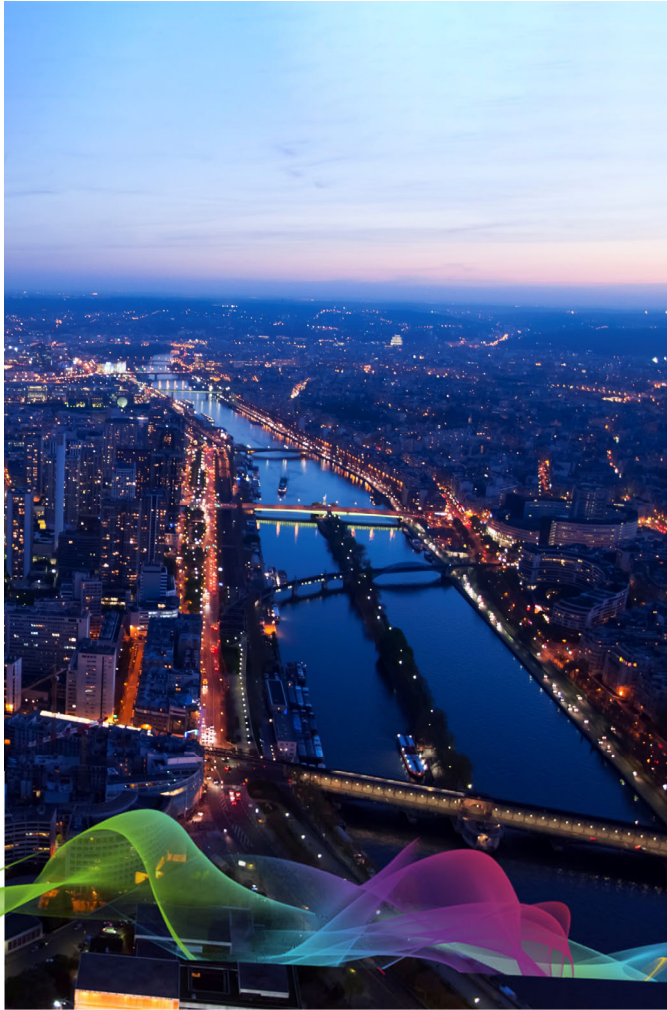
All its organizational, human, structural and technical resources are focused on this objective. Thanks to the expertise of the field teams, we are close to users and their needs, which offers development teams the means to define and design solutions that are perfectly adapted to each individual configuration.

All the components of the company work in a "permanent continuous improvement approach to its performance", validated by the success of its ISO 9001, 14001 and 50001 certifications



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ECLATEC



## COMPLIANCE WITH THE FRENCH “LIMITATION OF LIGHT NUISANCES” ORDER FROM 27 DECEMBER 2018 [for outside specific restricted areas]:

Still valid for all versions of the MOANA luminaire:

- Luminaire ULR at 0° inclination: 0%
- Maximum inclination of the luminaire allowing an ULR < 4%: 20°
- Possibility of inclination greater than 20° depending on the choice of lenses, on consultation
- CIE Flux Code No. 3: greater than 95%
- Color temperatures according to legal regulations (BLS version: 2400 K to 3000 K)
- Surface density determined by the ECLATEC design office after analysis of project data
- Intrusive light:  
optional, barndoors adaptable to LED sources  
installation recommendations to define light intrusion
- Provision by flashcode of all the mandatory information necessary for the manager

## MÉTHODOLOGIE

- To calculate the environmental impacts of our product, we used ADEME's IMPACTS® Base, the official generic inventory database for the French government's environmental labeling program. The inventory data sets of the IMPACTS® Database are directly characterized as potential impact indicators according to the LCA (Life Cycle Analysis) approach. The software used is an awareness tool for eco-design and the life cycle approach. Its functionalities are therefore limited compared to an ACV software. The data is indicative. The environmental impact calculations result from an LCA of a MOANA luminaire for a period of use of 20 years at the rate of 4200 hours per year.

Impact assessment covers the following life cycle stages:

- Manufacturing
- Distribution
- Use
- End of life
- The installation phase is not taken into account.