

Manifesto 

of Lighting Designers for sustainable lighting projects



"(...) For at least his work has some meaning. When he lights his street lamp, it is as if he brought one more star to life, or one flower. When he puts out his lamp, he sends the flower, or the star, to sleep. That is a beautiful occupation. And since it is beautiful, it is truly useful."

The Little Prince, Antoine de Saint-Exupéry, the lamplighter.

This **Manifeste** has been compiled by professionals

who design lighting in architecture, urban spaces and for landscaping projects, but also for permanent lighting designs in spaces of all kinds. We have been working as independent professionals, creators of lighting projects and experts when it comes to lighting equipment and materials for 25 years. We enchant your nights with passion and goodwill, we work on light and darkness in measured terms so that you can enjoy a better life in your indoor environments and live well during the night. Well experienced and fully aware of the ecological context in which we live, we are strongly motivated and ready to confirm the way we practice, and lead the way with our savoir-faire.

This **Manifeste** demonstrates our collective awareness of the value of our profession:

we believe that we can show public authorities, our clients, our partners in project management, and the entire lighting community, that lighting can comprise an ethical approach and convey well-being and values of universal respect.

This **Manifeste** is a tribute to light, a tribute to darkness,

a tribute to the sun, a tribute to the night. Light is our life energy. The night is our common heritage. Natural light and natural darkness coexist in harmony inside our buildings: it is possible to find ways of developing acceptable solutions, to make good use of solar radiation to light a room. The night is beautiful and we should not spoil it. As the night is dark, let's make it practicable for the humans who live it. During the night, most living beings regenerate: it is essential to protect this process.

Therefore we, as lighting designers, wish to take action, provide reasons for our lighting solutions, and contribute towards the common effort to limit global warming by entering into the following commitments:



1. Considérer toutes les lumières

1. Taking all light into consideration:



We claim that as lighting designers we have the expertise required to design with artificial and natural light. We commit to maximizing the use of natural light when managing urban projects, in order to highlight its positive effect on human beings. Our expertise aims at endorsing a better use of artificial light. We want lighting to become a fundamental right for all, guaranteeing freedom of movement and helping to ensure the safety of people and places. Our work consists of developing concrete solutions to counteract "lights out" practices, for instance in the field of public lighting. As energy poverty increases, our approach goes along with the possible transformation of public spaces into collective sharing places, thus requiring quality lighting for all.

2 - Réhabiliter le plaisir de la Penombre et de l'Obscurité

2. Reinstating the pleasure of twilight and darkness

we want to work towards a balanced night-time city, in an ecologically sound way and cleverly combining light atmospheres, contrasts and twilight scenarios. We want to help people rediscover the value and pleasure of darkness in the city, by sharing our knowledge and battling against common misconceptions which lead to lighting being limited to safety issues. We commit to endorsing urban infrastructures for darkness so they remain visually ecologically sound ("black" infrastructures) and to including this in every set of guidelines, or lighting master plan, in order to safeguard the night in the city. Furthermore, we see our responsibility as providing the right balance of light and darkness in the city at night for the good of the city dwellers. Preservation of the biodiversity of nocturnal animals and plant life shall be a prerequisite to any lighting design concept. This approach motivates and compels us to play with shades of colour, to master the balance of contrasts and better understand the issues of natural and artificial darkness, in the city and in architecture, for human beings as well as for nature.

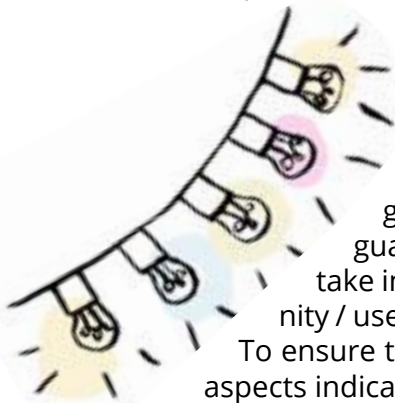


3 - Respecter les marqueurs Géoculturels

3. Respecting geo-cultural indicators:

we advocate respect for different cultural practices of lighting, which constitute a worldwide lighting panorama as diverse as the identities of the people and cultures of this planet. Our goal is to pursue our profession with a geo-cultural perspective, involving the knowledge and practice of a lighting language specific to every cultural identity and way of life. As lighting designers, we take into account the inherent lighting language – and expectations – of the community / users of the urban space as soon as our project is commissioned to be developed.

To ensure the intended results, we commit to take into consideration all the geo-cultural aspects indicated and, if possible, to include local actors. The night time must be adapted to those who live it: working, going out, expanding one's cultural horizon, enjoying oneself, and preparing to sleep are so many activities that depend on specific lighting conditions, adapted to the specific cultural and social environment.



4 - Inscrire les Usages au cœur des projets

4. Making common use the core of our projects

We feel that lighting needs to respond to needs and purposes. This clear connection enables us to register and determine the objectives of a lighting project (from the point of view of quality as well as quantity) and to share them with the client. Whatever design approach is required for the project, be it based on aesthetic quality, safety, standards or ergonomics, energy consumption is always a key issue. We therefore commit to work to realise lighting projects that are consistent with their uses and users, however diverse they may be, to grasp and fulfil their current and future expectations, analyse their relation to time – time of day or year – and anticipate how they may be further developed. The direct link between the use of a space and the lighting can serve as a source of adaptability, inventiveness, and as a way of saving energy.



5 - Ouvrir pour le Bien-Être de tous

5. Working for the well-being of all



we, as lighting designers, commit to take into consideration all aspects of the human visual perception system. The eye can adapt to a wide range of lighting conditions, from direct sunlight to moonlight. But care must be taken to keep excessive luminance contrasts and glare effects to a minimum since they trigger pupillary light reflex (PLR), a reflex that controls the diameter of the pupil. We commit to use light in accordance with the biological and physiological rhythms of our lives. We encourage designers and clients to think of the lit space in three dimensions. Rather than spending time and money simply lighting horizontal surfaces as recommended in the standards, we commit to take into consideration vertical surfaces and peripheral vision in the process of creating enjoyable and comfortable ambiances.

6 - Maîtriser les Ressources

6. Preserving resources:

we commit to propose quality projects that take into account all the means available to limit the amount of energy consumed by lighting equipment. By specifying luminaires equipped with low-energy light sources and reducing maintenance costs while guaranteeing optimum light quality we believe that we can reaffirm the status of our profession in a sustainable way. We commit to encouraging the use of natural light and proposing lighting control systems to optimise the balance between artificial and natural light. We commit to make every effort to promote alternative solutions and advanced technologies that can help preserve resources by using renewable energies, and to encourage the lighting industry to contribute towards reducing CO2 emissions.



7 - Assumer les Responsabilités en toute indépendance

7. Assuming responsibility as fully independent consultants

we commit to remaining independent from the lighting industry (lighting

manufacturers and installers, energy suppliers) in order to ensure the quality and impartiality of our projects. Our services shall remain the free expression of an approach based on original creative thought. We commit to guide our clients and partners to help involve them in every stage of the project, from design studies to the quality control of construction works, so that we can ensure our projects are realized according to the original design concept. We act with professional responsibility to provide an assurance of trust and guarantee a visually appealing, technically sophisticated and sustainable result.

8. Transmettre et Partager nos innovations



8. Sharing and passing on our innovations

we commit to share and circulate innovative technical and conceptual solutions that promote environmental conservation and reduced energy consumption in lighting projects. As specialists, our expertise is dedicated to educating the people and service teams involved in or affected by the installed lighting and making them aware of the reasons behind the concept. This includes project managers, contractors, installers, technical services and users. This specifically encourages people to experience the light first-hand (night visits, trials on site) in order to understand the design intent. This also encourages all the players in the lighting sector to share their knowledge and work with one another in order to develop relevant products that guarantee both good-quality light and environmental conservation. We commit to create and develop a network of knowledge to share information and experience to serve our cause.

9. Garantir Qualité et Expertise

9. Guaranteeing quality and expertise



Taking the time to look back, to be objective and critical of work previously realized. This is what builds up our expertise and credibility. We commit to analysing the results of previous projects objectively so that future projects can be designed to even better effect, and to taking a global view to analyse, test and compare the real performance of the innovative luminaires and state-of-the-art light sources on the market. In spite of the pace at which design concepts have to be developed nowadays, plus the number of projects designers work on simultaneously, and the plethora of products available, we will ensure to take the time required to perform the necessary comparative analyses of all technical criteria of the luminaires we specify. We apply our technical expertise to the benefit of every project to find the most intelligent compromise between energy efficiency, durability, cost, and light quality.

10. Construire un Laboratoire d'idées

10. Creating a laboratory of ideas

As lighting designers, we commit to follow, pursue and take part in any research where light is a key factor, be it in medical and social sciences, natural sciences, or of course, technological research. The analysis of our own work is part of the research towards more responsible practice. We also commit to creating a platform and network via which any research that supports or enables reduced energy consumption for lighting and aids designers in their efforts to produce lit environments which promote visual comfort and well-being of all users.



We have set a list of targets, the means by which we can achieve them, outlined limits and examples, and a timeframe. A dedicated group of lighting designers will follow these commitments to ensure our objectives are realistic and feasible.

Horizon 2020

BEFORE 2020

Our road maps will have been set up, we will be able to put a cost on our objectives and begin to take action. We will rally lighting designers from around the world to read and follow this manifesto. We will also test exemplary practice or approaches/directions that we can share with colleagues. We will appeal to political decision-makers so that they understand and learn to adhere to our efforts and facilitate our actions. We will set up agreements with our partners in the industry to ensure the luminaires and light sources we specify and the projects we realise are in line with the commitments laid down in this manifesto.

Horizon 2025

BEFORE 2025

The policy to reduce energy consumption will be well underway. We will embark on the second phase of our actions in order to be part of the third industrial revolution and become more active with regard to the energy used in our projects. Our approach will become increasingly global. The equipment we use will become light. We will work in concrete terms on recycling the components used in the manufacture of luminaires, lighting products and related systems.



Horizon 2030

BEFORE 2030

The needs that initiate the radical changes taking place today in terms of decreased energy expenditure will redirect our approach. Lighting will no longer be reliant on non-renewable energy sources; there will be more interaction, more potential for intelligent lighting, and light is well on the way to becoming completely digitised. Public lighting will be completely different: we will no longer be lighting roads but pedestrian areas and public spaces people can share. City dwellers will be carrying their own light: the mobile lighting revolution will begin!



Horizon 2050

BEFORE 2050

We will adapt our profession to global changes due to global warming and play an active role in technological change while improving the sustainability of lighting. We will recycle our lighting installations and work towards more lighting efficiency, paying attention to the resources used, the final results of completed projects, and how they impact users. Lighting will be designed professionally and with care, and evidence-based lighting design will become the norm.

To serve a common purpose, to help our planet by reducing our impact on global warming, we, as lighting designers, will take action to further these commitments and develop collective thinking to serve the common good. Light is indispensable and precious, it supports neither excess nor mediocrity: mastering lighting design is a question of excellence; it is a passion, a profession.

ARGOD Agathe, Scène public - FRANCE ; ARNAUD-BENAISS Baptiste, Ar'Krys- FRANCE ; BAGUE Claire-Lise, 8'18»- FRANCE
BESSIERES Lionel, Quartiers lumières- FRANCE
BIDEAU Pierre, FRANCE ; BOUHLEL Marie-Ikram, Atelier dada - FRANCE ; BRAL Yves, ECL studio - FRANCE ; BRUERE Sophie, plasticienne lumière - FRANCE ; BUREAU Anne, Wonderfultlight- FRANCE ; CABARET Loeïza, Concepto- FRANCE ; CANADELL Christophe, NoctaBene- FRANCE ; CASTAGNE Sara, LUMINOcité- FRANCE ; CHAUTARD Pascal, Limari Lighting design, Chili ; CIMADEVILLA Rémi, L'Atelier du soir- FRANCE ; CLOUZET Régis, L'Agence Lumière- FRANCE ; COLIN Florian, Coup d'éclat- FRANCE
COLLE Caterina, Coup d'éclat- France ; CORTEN Isabelle, Radiance 35 - Belgique ; COUSSEMENT Alexis, ACL- FRANCE ; DA SILVA Catherine, Lightconcept- FRANCE ; DANIEL Stéphanie, Agence Stéphanie Daniel - FRANCE ; DE FURSAC Aurélien, Latérale- FRANCE ; DEHOUCHE Nawel, CPLD - FRANCE ; DUMAS Laurent, Acere- FRANCE ; DUMAS Marc, Dumas Lumière- FRANCE ; EZRATI J-Jacques - FRANCE ; FACHARD Laurent, Les Eclairagistes Associés- FRANCE ; FOUCAULT Gérard, CPLD - FRANCE ; GAUNAND François, Seul Soleil- FRANCE ; GIROUARD Raphaël, PluZ- FRANCE ; GOUGEON Pascal, Atelier Kandela- FRANCE ; GOY Lucas, Les éclaireurs- FRANCE ; GRARD Aude, LUMINOcité- FRANCE ; GSCHWIND François, Atelier du Crépuscule- FRANCE ; GUERARD Fanny, Concepto- FRANCE ; HASCOET Christophe, R.I.C.H- FRANCE ; HENRY Olivier ; HOUEL Nicolas ; ISHII Akari-Lisa, ICON- FRANCE ; JARLEGANT Alexandre, Ponctuelle- FRANCE ; JOUFFRE Charlotte, Ponctuelle- FRANCE ; JOYEUX Damien, Ponctuelle- FRANCE ; LE COUILLARD Rozenn, Noctiluca - FRANCE ; LE GOUGOUEC Aurélie (ILEX), Individuel- FRANCE ; LUQUET Christophe, DYNALighting- FRANCE ; MAQUAIR Jean-Pierre, De cour à jardin- FRANCE ; MIGEON François, 8'18"- FRANCE ; MOMBELLETT Philippe, Ponctuelle- FRANCE ; NARBONI Roger, Concepto - FRANCE ; NEGRE Pierre, L'Atelier lumière- FRANCE ; NICOLAS Virginie, Concepto- FRANCE ; PEISSEL Jocelyn, Individuel- FRANCE ; PERIOLE Géraud- FRANCE ; ROLLAND Isabelle, R.I.C.H- FRANCE ; SERVANT Stéphane, Atelier S2- FRANCE ; SIEG Sylvie- FRANCE ; SOËTINCK Jean-Yves, L'ACTE LUMIERE- FRANCE ; SUSTRAC Johan, Distylighting- FRANCE ; THIESSON Vincent, Agence ON- FRANCE ; VICARINI Charles, Studio Vicarini- FRANCE ; VIEILLARD Victor, StudioBYNIGHT- FRANCE ; VITRAC Clémence, Ponctuelle- FRANCE ; VOTADORO Mélina, Seulsoleil- FRANCE ; WALGER Thierry, Le Point Lumineux- FRANCE ; ZARYTKIEWICZ Richard - FRANCE



remerciements :
Illustrations : Guillaume Reynard

Ce  est une initiative de l'  Association des Concepteurs lumière et Eclairagistes