



Avant **Buro5**
Buro5 architectes & associés
www.buro5.be
info@architectures.be
Eue des Lincées 10
B-13100/Ninove
Belgique

Contemporary house. The quest for detail in designing lighting systems

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Concept

From an extension project to the creation of an avant garde cottage in natural surroundings, this was the objective of the Legrain family.

The architect Christophe Joassin, who hails from BURO5 & Associates with 25 years of experience, centred this project around a meticulous selection of natural and refined materials and brought out the best in them through an exemplary lighting design project.

In order to satisfy this precise aesthetic and architectural requirement, the Lighting Designer chose the most competent partner for this type of undertaking, one whose indoor and outdoor systems give the best power/lumen ratio: DGA.

Technology a priority

In all projects, BURO5 favours higher performing technologies, the most innovative, efficient and with the greatest attention to environmental and energy issues.

DGA light fixtures, built exclusively in Italy using the best materials and equipped with the best LED technology on the market, quickly revealed themselves to be the ideal choice in terms of output, consumption, chromatic consistency, design and lighting comfort, ideal for rendering objects and materials with the minimum aesthetic impact.

All the appliances used in the project can be dimmed in order to transform the habitat and give greater visual warmth as required.



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The charming effect
created by a combination
of cutting edge
technology and nature.



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Laughable consumption.

The satisfaction of the Legrain family went beyond the aesthetic and technical result and was even greater when they realised the attention which had been paid to limiting consumption.

Thanks to the powerful LEDs from DGA which were used to obtain a light distribution in compliance with the lighting design project, maximum visual comfort was achieved while limiting the total power consumption indoors and outdoors to just 267W !

Pierre Chateletain, lighting consultant on this project and representative for the DGA brand in Belgium, explains: "If we had used halogen lamps for this system, we would certainly have gone over 1000 watts of power consumption."

These power savings, together with the long life of DGA LED technology, allowed this project to play its part in the revolution taking place in the world of lighting design for the benefit of the environment and consumers.

The veranda, for example, is lit by four flush fitted spotlights NEOS BiQ 10W IP54, and the high efficiency of these four elements means that the proprietors will be able to sit out in this space during the long summer evenings.

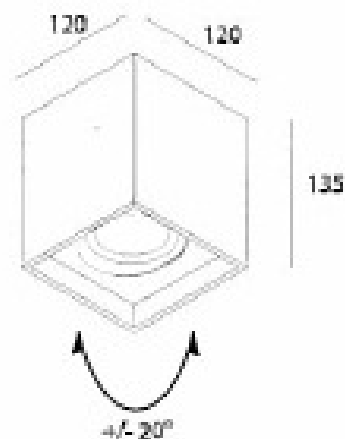


A perfect match of
architecture and
lighting design



Lighting solutions

-  Dimmabile
Dimmable
-  HI-EFFICACY SYSTEM
Approccio ad elevata efficienza
Fixture with Hi efficacy LED module
-  REFLECTOR
Con riflettore emissione diffusa
Reflector diffuse emission
-  Dimmabile
Adjustabile $\pm 20^\circ$
-  VISUAL COMFORT
Sceglie antiabbagliamento
Ensured by a low glare system
-  CRI 90 3000K (M)
Alto indice di resa cromatica
High colour rendering index
-  DGA COOLER MAX
Sceglie di dissipazione brevettata
Patented heat dissipation
-  Facile installazione
Easy installation
-  IP40
-  Class II
-  Montaggio a soffitto
Ceiling mounting
-  Collegare in serie 350mA
Connetti in serie a 350mA
-  ECO Energy Saving



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Made to measure for each client.

In order to carry out this project, DGA had to design and manufacture a special light fixture for the interiors which was suited to installation on the load-bearing steel beams in the absence of a conventional ceiling.

DGA responded with its proverbial brilliance and competence by creating a new aluminium fixture with the same finish as the beams housing the best 10W LED technology which could be angled at 30° .

Another project where DGA confirmed its capacity based on experience to serve those markets which are most demanding in terms of technical quality, design, yield and service. What a market leader can do for every project.

Choosing DGA means giving value to every project.

LED appliances custom designed to meet project requirements.

