

dietal
LIGHTING INNOVATOR

**Lighting
manufacturer
from
Auvergne
(France)
declares war
on
Coronavirus**

PRESS KIT

July, 2020



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SUMMARY



**Innovation from
Auvergne, in the heart
of France**

**A “bright” idea to fight
the Covid-19:**

**The 1st in French
innovation hybrid
luminaire technology,
that can be both a
disinfectant and a smart
light.**



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**PRESS
RELEASE**



DIETAL The industrialist of Auvergne declares war on coronavirus



OPTIMO UV-C LEDIZ® The 1st French hybrid luminaire to fight against the Covid-19 Illuminating, disinfecting and intelligent

For more than 40 years, DIETAL has been the designer, manufacturer and privileged partner of the biggest brands of tertiary lighting around the world. It is developing today a simple solution of great efficiency for offices, classrooms, establishments open to the public, corridors & rooms in hospitals or nursing homes, warehouses, etc.

Based on proven UV-C LED technology recognized by international scientific bodies, on DIETAL's experience in terms of connected LED luminaires and on its historical know-how in sterilizing devices:

THE OPTIMO UV-C LEDIZ® LIGHT
Disinfection reliability > 99.99% of all surfaces



Effective against all coronaviruses (Covid-19, SARS, MERS, etc.), UV-C radiation inactivates microorganisms by destroying their nucleic acid chains (DNA or RNA).

Complies with NF EN62471 and EU directives, in particular directive 2006/25 / EC.

The same multifunctional "3 in 1" product for lighting and disinfection but also communicating to ensure the highest level of security. Built-in or suspended, an intelligent plug and play system that optimizes new or existing installations.

A bright idea from DIETAL, which testifies to its dynamic in:

- Put its know-how at the service of the fight against the global pandemic. The deployment of technical solutions to live with the virus on a daily basis and, thus respond to the concerns of all business leaders, elected officials, site managers ... who must ensure the safety of their employees, their citizens and all users.
- Prove that French industry is agile and at the cutting edge of technology, and that we deserves to be supported to ensure our national security and preserve jobs.

Our technical teams are at your disposal to answer your questions and assist you in analyzing your needs

**A French
manufacturer
aware of its social
responsibility:**

**Committed to the
fight against the
pandemic and to
the safeguard of
International
industry**

COMPANY
PRESENTATION



For more than 40 years, DIETAL, A French manufacturer based in Saint-Georges de Mons (Auvergne Rhône-Alpes), is specialized in the development and production of professional lighting solutions

With the advent of LED technology, the Group has adapted its production tools in order to support its customers in a constantly changing market.

With nearly 400 employees, the company is market leader in Europe and, with 50% of its turnover abroad, very active in international business. Today the company counts more than 120 customers in 50 countries.

DIETAL delivers approximately 1 million lighting fixtures per year for the best-known lighting specialists, catalogue articles as well as custom-made products dedicated to any specific needs or applications.

DIETAL is today the European specialist and major player in the design and manufacturing of LED lighting solutions for the tertiary sector, and combines the flexibility and reliability of a mid-size company with the power of an ambitious, international group.

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LIGHTING INNOVATOR

COMPANY PRESENTATION



PRODUCT EXPERTISE

DIETAL provides a comprehensive range of indoor lighting solutions, suitable for many applications such as office, education, healthcare, retail, industry, harsh environments, etc.

Our “know-how” extends from traditional lighting fixtures to custom lighting solutions designed according to clients’ specifications and in accordance with the most demanding international standards.

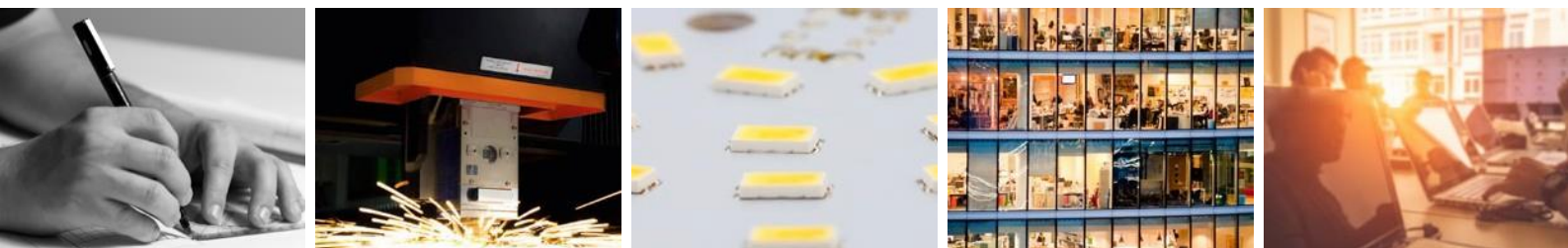
The lighting market is constantly evolving, and DIETAL offers innovative solutions for smart, connected lighting, adapted to the specific needs of each customer, from general tertiary applications to the most cutting-edge needs for explosive environments with our range of connected ex-proof luminaires.



DESIGNED IN FRANCE – MANUFACTURED IN EUROPE

All our products are designed and developed by a highly-experienced team of specialists based in Saint-Georges de Mons (Auvergne Rhône-Alpes), and manufactured in Europe on both production sites, in France and Romania.

From the supply of raw materials to the shipment of the luminaires, every step of the production process (metal works, lacquering, wiring, assembly) is thus managed in-house.



INNOVATION & RESPONSIBILITY

Armed with strong experience in fluorescent lighting since 1979, we started from 2010 focusing investments on the development and integration of LED technology, while continuing efforts in the improvement of our production tools and global process, as well as in the adaptation of our products to the “fast-moving” local and international demand.



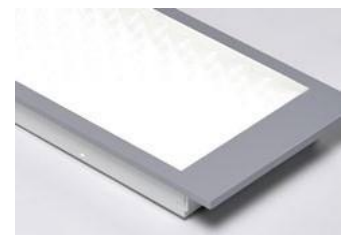
Through this approach, we commit to develop reliable products (100% of the products are controlled before shipment) and guide our customers towards efficient, eco-friendly lighting solutions and respectful of users' well-being.



CUSTOM LIGHTING SOLUTIONS

Our service of custom lighting solutions has been set up and developed with the growing demand from our clients for “exclusive” luminaires. We are thus able to adapt or create new and unique lighting solutions that meet conventional or unconventional specifications, while still complying with DIETAL's quality standards.

We support our partners in the realization of each project, whatever the complexity and the application concerned (tertiary, industrial, retail, premises open to the public, healthcare, ATEX, etc.)



REFERENCES PROJECTS

ADNOC HEADQUARTERS, UNITED ARAB EMIRATES

ADNOC is one of the world's leading companies in oil and gas industry. DIETAL designed and manufactured 25,000 custom-made LED luminaires offering the best compromise between performance and architectural integration for the tower housing the new headquarters (342 meters high – 76 floors)



APPLE® OPERATIONS CENTER, SINGAPORE

DIETAL had to design a lighting solution “made to measure” within 2 weeks, and deliver within 1 month more than 2,500 linear meters of recessed LED profile luminaires. Thus meeting the criteria of aesthetic and performance requirements from the US electronics giant.



WARNER BROS® THEME PARK, UNITED ARAB EMIRATES

DIETAL was chosen to provide more than 3,500 waterproof LED luminaires, offering a fast return on investment due to eco-design and latest LED performance for the Warner Bros® theme park on Yas Island. It is said that the project would create more than 1,000 new jobs in Abu Dhabi, and would increase visitor numbers to Yas Island from 25 to 30 million at the opening in 2018.



+ MANY PRESTIGIOUS REFERENCES IN FRANCE AND EUROPE INCLUDING:

- Schools
- Hospitals
- Laboratories
- Hypermarkets
- Warehouses
- Factories
- Penitentiary centers
- Metro stations
- ...

Check our latest news and updates on
www.dietal.com



LIGHTING INNOV
ATOR

**The 1st French
germicidal luminaire,
disinfectant and
smart**

OPTIMO UV-C LEDIZ®

Recessed version

Suspended version

PRODUCT PRESENTATION



OPTIMO UV-C LEDIZ®

Hybrid luminaire, with integrated disinfectant properties
using LED UV-C technology, and smart equipped,
in the fight against Covid-19

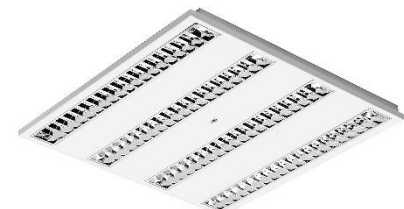
The world is facing an unprecedented health crisis.
There is no medical treatment against Covid-19 yet,
but there is an effective disinfection solution.

Social and economic life must go on, but effective measures to contain the spread of the virus must be put in place

For many years, international studies - confirmed by concrete applications (disinfection of water, sterilization of medical equipment, etc.) - have demonstrated the effectiveness of specific ultraviolet (UV-C) radiation in the destruction of bacteria and viruses, including coronaviruses (Covid-19, SARS, MERS...)

LED technology at the service of the fight against coronavirus

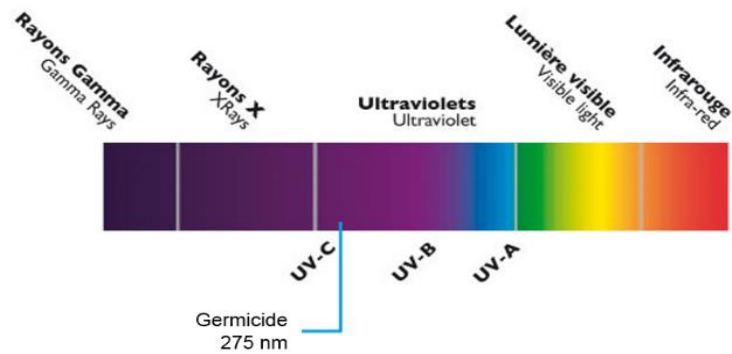
European leader in the design and manufacturing of professional LED lighting solutions, **DIETAL is developing a range of innovative LED luminaires dedicated to the disinfection of buildings** in the tertiary sector, in order to allow occupants (employees, students, simple visitors...) to go back to work safely, for the weeks, months and years to come.



This invisible and bactericidal "black light" is emitted naturally by the sun (and absorbed in the atmosphere), but can also be obtained artificially by **the integration of specific light sources within lighting systems**, whose mission is then **to alternately illuminate and disinfect** the air, surfaces and objects irradiated.

DIETAL, 1st French manufacturer professional LED lights

Disinfection by UV-C radiation: the concept



In terms of physics, light is made up of electromagnetic waves, more or less long. The visible spectrum is the part of light whose length is between 400 (“blue” light) and 780 nanometers (“red” light).

Ultraviolet (UV) represents a non-visible part of the light spectrum (like infrared) located between 100 and 400 nm. In particular, **UV-C are those whose bactericidal properties are most effective in preventing pathogenic microorganisms from reproducing**, and therefore the spread of viruses and bacteria.

Ultraviolet light, in general, can present risks for health and should be used according to DIETAL recommendations.

Solution by DIETAL: a hybrid luminaire, with disinfectant properties and smart technology, equipped with UV-C LED

With the integration of special UV-C LED within its luminaires, DIETAL offers a simple, high-performance, safe solution for the disinfection of premises.





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DIETAL LED luminaires at the service of the fight against coronavirus

Simplicity:

- Installation in plaster ceiling, surface or suspension mounted by a qualified electrician. No need for rewiring thanks to Smart connectivity!
- Wireless remote control and built-in motion detector (instantaneous shutdown in case of human presence)
- Possible use in many premises: offices, classrooms, circulation areas, toilets, reception and catering areas, etc.

Performance:

- Enough power in order to reach sufficient doses of radiation in a few minutes (example for 38W = 90% disinfection of a surface of 4 sqm in 9 minutes)
- "2 in 1" disinfectant hybrid function (lighting vs. UV-C)
- Fixture developed and manufactured according to the usual Dietal high quality standards

Savings and safety:

- No need for human intervention during disinfection operations
- Control can be made automatic by the existing lighting network thanks to scenarios and sensors
- Ecological disinfection without chemicals or polluting waste. Equipment sustainable over time, without mercury!



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