

# DATALUX

## DEDICATED LIGHTING FOR THE FOOD PROCESSING INDUSTRY

### SAFE FIXTURES FOR DEMANDING HACCP ENVIRONMENTS

Processing food requires the highest standards on the materials that are used. The DATALUX linear lighting system is the standard when it comes to lighting food processing industries. Not only due to the unique design of the luminaires, which are dust and watertight, impact-resistant and do not contain hazardous components such as glass. But also because the high quality LED light sources achieve a colour recognition that cannot be matched by traditional luminaires.

### IMMACULATE APPLICATION

The DATALUX lighting system is internationally renowned for the immaculate application in the most challenging HACCP certified work environments, using challenging cleaning agents and high-pressure water hoses. DATALUX linear lighting systems are used at meat processors, vegetables and fruit sorters, producers of confectionery, sauces producers and flavour enhancers and herb sorters. The round profile of the luminaire avoids dust accumulation, is easy to keep clean and is easy to mount. LUMINAID offers various mounting solutions where dirt accumulation is prevented and cleaning remains simple.

### LIGHT FOR PRODUCTION PROCESSES AND STORAGE LOCATIONS

DATALUX linear lighting systems for production processes and storage locations can be tailored to every specific application: above machines, sorting equipment, rack aisles, laundry services, etc. LUMINAID's lighting experts are happy to offer comprehensive engineering services to achieve the most efficient project realizations.

### VERY ENERGY EFFICIENT

DATALUX lighting systems have an unprecedented low energy consumption per square meter and are fully suitable for use in buildings with the highest BREEAM and LEED scores.



### EXTREMELY LOW OPERATING COSTS

DATALUX lighting systems have an expected lifespan exceeding 100.000 operating hours. This can be realized due to the external AC/DC driver and the IP65 protection class reducing dust accumulation of the electrical components.



### IMPACT-RESISTANT

The robust housing of DATALUX lighting system consists of an UV stabilized polycarbonate tube. This makes the fixture impact-resistant according to the IK10 standards.



### DUST AND SPLASH-PROOF

The DATALUX lighting system is dust and splash-proof according to the IP65 standards. This makes the fixture a very suitable light source for challenging operating conditions.



### LIGHTWEIGHT

Due to the simplicity of the luminaire it weighs less than 1,2 kilograms per meter. Simple mounting and suspension are therefore possible.



### EASY MOUNTING

DATALUX is a modular lighting system, where all parts click together, can be installed at lightning speed and can be easily connected.



### QUICK INSTALLATION

Only one electrical connection point is required per light line, regardless of its length. This enables a simple and straightforward electrical power supply scheme resulting in savings of installation costs.



### EXCEPTIONAL LIGHT LEVEL

The lens technology developed by LUMINAID not only ensures a sufficient light level but also avoids glare and distributes the light level evenly.



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### EMERGENCY LIGHTING (DCEM)

DATALUX lighting systems have a unique emergency lighting function. When the lighting system is supplied with the DCEM power bank it will automatically switch to emergency mode when it detects a power failure.



### HACCP

The round profile without protruding parts makes the luminaires extremely suitable for HACCP certified rooms in the food industry.



### MADE IN THE NETHERLANDS

LUMINAID manufactures its products at its headquarters in the Netherlands. The quality of the production process is guaranteed by the ISO9001 management system of (test) procedures and instructions. Together with regular suppliers, this guarantees the quality, delivery reliability and flexibility of our services. The production process is designed in such a way that scale-up can be used quickly and effectively according to growing market demand.

### PRODUCT FAMILY

LUMINAID develops and produces all its products with a focus on the field of application. The wishes and requirements of end users are the foundation for a well thought out product family, which has proven its applicability in production, distribution / forwarding and greenhouse horticulture.



### INSTALLATION

An optimal lighting solution in a demanding environment often requires customization and specialism. In the preliminary phase of a project, LUMINAID provides engineering support (lighting designs, interconnection diagrams), supporting installers and consultants in determining the feasibility of a project. During the realization phase, LUMINAID offers installation support and full installation services. And of course, our outstanding products come with full warranties and aftersales support.

#### Modular

- + Plug and Play
- + Easy to hang and assemble
- + IP65 en IK10 certified
- + High BREEAM score
- + Ideal for HACCP applications

#### Integratable functionalities

- + Emergency lighting unit
- + Detection sensor

#### Continuous light line

- + Unprecedented uniformity
- + Increase productivity
- + Pleasant light experience
- + Contributes to health in the workplace



# LUMINAID

## ILLUMINATING INDUSTRIES



### DATALUX AC

CONNECTABLE AC LUMINAIRES

DATALUX.AC is based on the well-known DATALUX technologies but now come with a high-quality internal AC / DC driver. DATALUX.AC enables easy and quick installation at every workplace. The AC luminaires can be used by connecting them as linear lighting, but also as separate fixtures.

### DATALUX LT

THE STANDARD FOR INDUSTRIAL LINE LIGHTING

DATALUX.LT continuous linear lighting is renowned for its unprecedented lighting uniformity on the workshop floor. Utilizing DATALUX enables a comfortable, productive, safe and energy-efficient work environment. The luminaires are IP65 and IK10 certified.

### FLORALUX

LINE LIGHTING THAT GROWS

The solution for assimilation lighting! Stretching, growing and flowering due to the high PAR values of FLORALUX and its convenient and quick installation is the ideal solution for greenhouse agriculture. Also ideal for vertical farming.

For more information:

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FOOD PROCESSING



THE NEW STANDARD  
FOR INDUSTRIAL LIGHTING

