

**REGIOLUX**  
Made in Germany



# Light solutions

for beverage and food industry

# Foodstuffs

- a delicate matter





# in production and trade



Food is a basic necessity of life. It is therefore not surprising that special requirements are in place when it comes to the production of foodstuffs of any kind. These requirements are meant to ensure that we can purchase foodstuffs and beverages of quite safe quality. When considering the risks, the entire production environment is therefore taken into account.

This is why as part of „Good Manufacturing Practices“ (GMP), which forms the basis for risk assessments in the production of medicinal products, foodstuffs and beverages, the lighting system must of course also be taken into consideration. In many cases, these risk assessments are performed in accordance with the „Hazard Analysis Critical Control Point“ (HACCP) procedure. In accordance with this procedure, the luminaires manufactured by us were also examined and assessed in regard to the food hygiene requirements of DIN 10500. Therefore on less challenge on the way to meet the high quality requirements. Regiolux offers suitable lighting solutions for professional applications.

# Regiolux - Luminaires

for the increased safety requirements in the food industry



The manufacture of foods, as well as production and storage in the chemical and pharmaceutical industry, are subject to particularly strict regulations. Various quality assurance systems and internationally recognised hygiene standards such as HACCP (Hazard Analysis and Critical Control Point) are a possibility of preventing or reducing health risks for personnel in production operations up to the final consumer.

In trade and industry, member companies have developed the International Featured Standard (formerly the International Food Standard) and the BRC Global Standard for Food-Safety as a standard for quality and food safety. Its purpose is to provide a standardised check of the food safety and level of quality of producers. It can be used for all production stages of food processing.

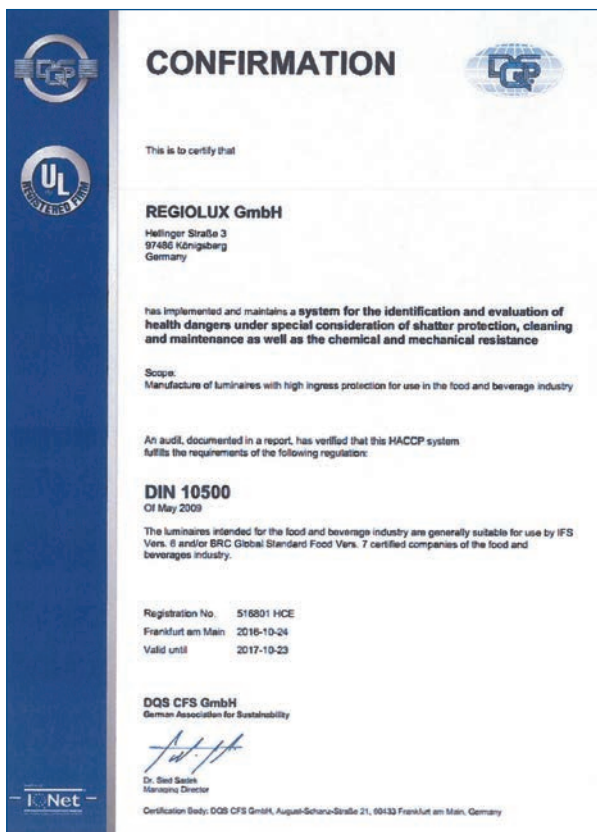
IFS standards are developed by and for all supply chain parties. They want to implement these uniform standards to assure food safety and demonstrate the product safety and quality of the products they market or the services they provide.

To meet these stringent safety requirements for production sites and their lighting systems, Regiolux has documented and given evidence by means of an audit by the German Association of Management Systems (DQS) that Regiolux luminaires are suitable for use under these standards.

Luminaires meeting the standards of DIN 10500 fall under the HACCP system for IFS Vers. 6 and/or BRC Global Standard for Food-Safety Vers. 6 certified companies.

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## Certificate

By means of an audit, documented in a report, evidence is provided that this HACCP system meets the requirements of the following regulation: DIN 10500, May 2009. The luminaires are generally suitable for use by IFS Vers. 6 and/or BRC Global Standard for Food-Safety Vers. 6 certified companies operating in the food and beverage industry.

We attach this marking to luminaires for the food and beverage industry.





# SDT-system

## For every requirement the right solution

The diverse SDT system has the right answer for every task. With our quick-fit assembly system, rooms with the most varied of requirements can be illuminated economically. It is predestined for lighting solutions in the fields of industry, production, logistics and shops.

Because all device mounts have the time-tested system

length restorations can also be easily realized. The various technologies can hereby optimally make the most of their strengths and special possibilities.

Within the new SDT system are device mounts with tunable white technology for Humen Centric Lighting applications.



### SDGO

Individual.Lens.Optic

≤ 10.000 lm

UGR 19

IP20 / IP54

### SDGL

Linear.Lens.Profil

≤ 17.000 lm

UGR 22

IP20

### SDGV

Diffuser + reflector

≤ 7.000 lm

UGR 25

IP20 / IP40 / IP54



Please refer to the current data for LED luminaires under [www.regiolux.de](http://www.regiolux.de)

\*For information about the manufacturer's guarantee for LED luminaires, see [http://www.regiolux.de/fi/leadmin/REGIOLUX/Service/Garantie/Warranty\\_LED\\_en.pdf](http://www.regiolux.de/fi/leadmin/REGIOLUX/Service/Garantie/Warranty_LED_en.pdf)



# Project practice



## Hygienic safety and energy saving

Hygienic safety and energy saving - these two arguments were decisive when the Regiolux SDT-LED light run were selected for use at Recheis Teigwaren GmbH in Hall in Tyrol. Luminaires for the beverage and foodstuffs industry must satisfy high requirements and their suitability must be verified. For Recheis company, this meant that „only luminaires that are suitable in accordance with IFS (International Featured Standard, formerly International Food Standard) would be considered for use in order to ensure the highest degree of product safety possible“. Martin Terzer, Managing Director of Recheis, further explained, „This assures us that we will be able to comply with the increasing requirements with regard to safety and hygie-

ne guidelines in the future as well“. An external testing institute (DQS) has certified compliance of the SDT system manufactured by Regiolux with DIN 10500, which also verifies compliance with the requirements of IFS and BRC (Global Standard for Food).

Another central aspect was work safety. By implementing the LED light run manufactured by Regiolux, the lighting level was raised by 75 %. At the same time, it was possible to reduce annual operating costs for lighting by almost 90 % by switching technologies from fluorescent lamps to LEDs and by implementing an additional control technology system (presence and daylight control).



## Project data

Awarding authority / Building owner:  
Planning

Execution:  
Project location:

Recheis Teigwaren GmbH  
Andreas Dunzinger, Christian Ipsmiller / Euro Unitech  
Andreas Schmid / Firma Recheis  
Elektro Larcher, Absam  
Hall near Innsbruck





# Recessed luminaires



## protection up to 4700lm/unit



- protection-PREMP** Diffuser, micro-prismatic direct distribution
- PREG Diffuser, satined direct distribution
- PREO Diffuser, opal direct distribution

- Housing:**
- Sheet steel
  - Suitable for ceiling system: ceilings with visible T-rails; concealed symmetrical rail construction; cut-out ceilings
- Lighting technology:**
- Diffuser, plastic PMMA
  - Lighting characteristic direct distribution
- Lamps:**
- Inclusive LED 50000 h L80/B10
  - CRI ≥ 80 / 4000K
- Switching:**
- 1 Ballast
- Accessories:**
- UBM universal mounting bracket for concealed symmetrical rail constructions and cut-out ceilings and SCT safety clips for ceilings with visible T-rails: to be ordered separately.

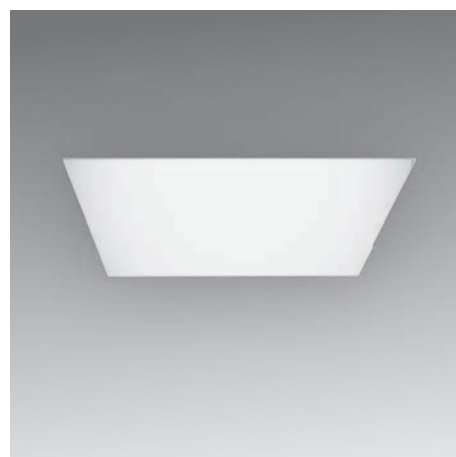


## planara up to 4700lm/unit



- planara-PNEMP** Diffuser, micro-prismatic direct distribution
- PNEG Diffuser, satined direct distribution
- PNEO Diffuser, opal direct distribution

- Housing:**
- Sheet steel
  - Suitable for ceiling system: ceilings with visible T-rails/24mm
- Lighting technology:**
- Diffuser, plastic PMMA
  - Lighting characteristic direct distribution suited for VDU workstations, 65° < 3000 cd/m<sup>2</sup>
- Lamps:**
- Inclusive LED 100000 h L80/B10
  - CRI ≥ 80 / 4000K
- Switching:**
- 1 Ballast



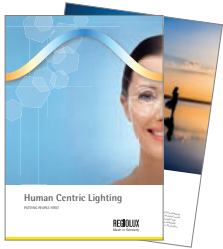




# Other special applications

## HUMAN CENTRIC LIGHTING (HCL)

Our brochures and information on the subject:



Human Centric Lighting



Tunable white luminaires  
for Human Centric Lighting

## Our Label for Human Centric Lighting

Regiolux highlights the special characteristics and options of this product group with an own label



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