



Advanced Lighting
Technologies



Specification Luminaires for:
Food & Beverage
Industrial
Transport & Infrastructure



IP65
&
IP68

ENEC

With the long established experience of our sales team and specification design process, Advanced Lighting Technologies combines specification expertise with the renowned Pracht Lighting product ranges.

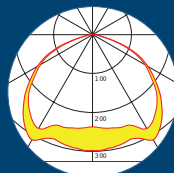
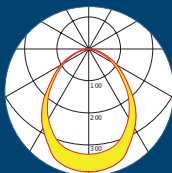
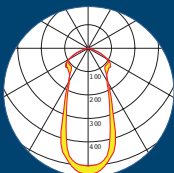
From enquiry to delivery Advanced Lighting Technologies work with customers to implement lighting projects that ensure reliability and performance. As well as the specialised Pracht food, beverage, transport and infrastructure product ranges, Advanced Lighting Technologies offer flood, area and specialist lighting products for a complete lighting package for industrial and manufacturing facilities.

About Pracht Lighting

Alfred Pracht Lichttechnik GmbH is the specialist when it comes to efficient and effective illumination under extreme conditions. Pracht have been developing customised lighting solutions since 1953.

The food production industry demands the highest standards in luminaire design and construction ensuring stringent hygienic conditions are met during the manufacturing process. With this comes demanding conditions for lighting. Pracht offers innovative and effective lighting solutions for these unique conditions, providing luminaires with a long service life that are:

- » **Economical**
- » **Resilient and durable**
- » **Energy-efficient**
- » **Maintenance friendly**
- » **Recyclable**



Luminaires For Your Requirements

- » **Food and beverages industry**
- » **High temperature ranges, heat resistant**
- » **Low temperature ranges, cold resistant**

Pracht luminaires are, by design, suited for use by certified companies in the food and beverages industry.

Commercial and industrial plants for the processing of foodstuffs must fulfil stringent hygiene requirements as well as the requirements of the IFS (International Food Standard) and the BRC (British Retail Consortium). These include illumination systems with:

- » No use of glass
- » Impact resistance
- » Enclosed lamps

Pracht luminaires for the food industry feature impact and chemical resistant materials capable of withstanding special cleaning agents.

Pracht luminaires are ISO 9001 certified and able to provide within the scope of the DQS audit the requirements of standard DIN 10500.

Hygiene standards demanded in modern food and beverage production plants mean that the Pracht series of special luminaires can be installed with confidence to meet high protection categories without requiring further certification.

pralux®
The high-performance reflector

pralux® = more light with less energy

For applications requiring high light levels and mounting heights up to 20 metres **pralux®** high performance reflectors improve Pracht quality and increase efficiency by double digit percentage figures.

pralux® = higher efficiency through fewer luminaires

Apollo

High uniformity through directional lighting, saving of lamps and low maintenance costs are decisive factors when it comes to illuminating production, warehousing or logistic centres requiring high luminaire mounting. For every luminaire height, Pracht offers the matching solution by way of continuous mounting systems.

In these situations the preferred system luminaire is the Apollo T5 with its high performance reflectors deployed in a continuous mounting system. The new optimised high-performance mirror reflectors Pralux® provide a significant performance increase and helps conserve energy.

Production

Application

Work space illumination, packaging.

Environment

The type of work space illumination will depend on the contamination levels, the degree of utilisation and the height of the room.

Luminaire recommendations

Apollo T5 with high performance mirror reflectors in continuous mounting system.

Secondary Rooms

Application

Stock rooms, passages, locker rooms, loading ramps, ripening room's, dairies, milk processing, bakery products, cheese dairies, meat, sausage production.

Luminaire recommendation

Apollo, Tubis

Utmost energy efficiency owing to modern pralux® engineering!



Tubis.



Utmost energy efficiency owing to modern **pralux**® engineering!



The new Kenia luminaire introduces innovative thermal management and will not sweat at temperatures up to +60°C

Kenia Heat Resistant Pracht Luminaires

Kitchens / Bakeries

The luminaires of the new generation were specially developed in consideration of your requirements. As in many other areas of lighting technology, Pracht sets new standards when it comes to illuminating rooms at high ambient temperatures.

For kitchens, blast furnaces or bakeries regardless: The new Kenia luminaire introduces innovative thermal management and will not sweat at temperatures up to +60°C.

The luminaire type Kenia carries the ENEC/VDE mark. With a large volume and twist resistant housing made of 'glass fibre reinforced' polyester and materials capable of sustaining extreme thermal conditions, the Kenia luminaire fulfils the requirements of especially demanding environments.

At extreme temperatures over +60 °C we recommend a separation of the ballast unit and the lamp.

Application

Commercial kitchens, blast furnaces, bakeries, breweries, heavy industry, power plants, chemical industry, areas with high environmental temperatures

Luminaire recommendation

Kenia



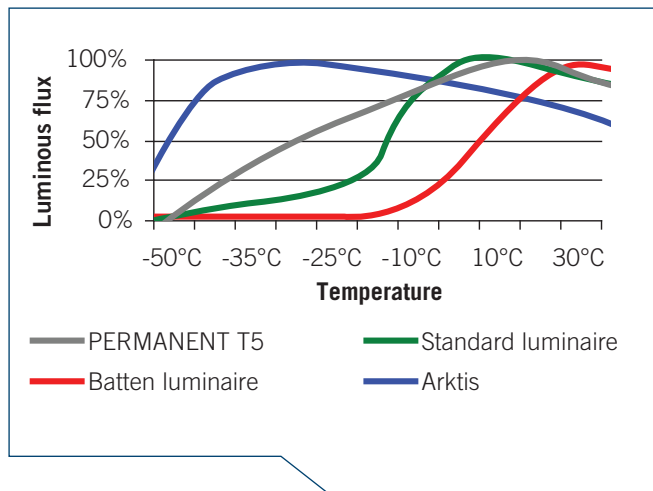
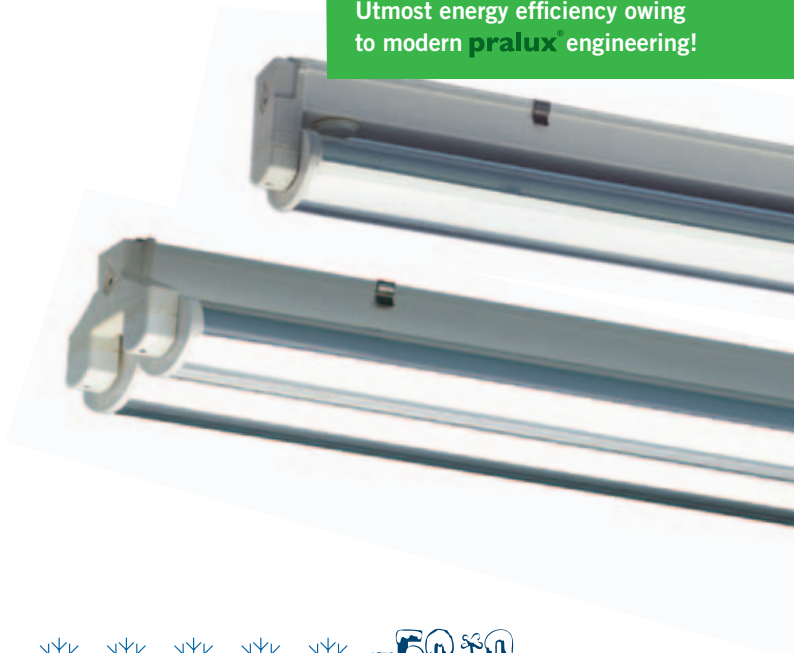
Arktis & PERMANENT T5 Cold Resistant Pracht Luminaires

Utmost energy efficiency owing to modern **pralux**® engineering!

Freezers

For areas of application involving low temperatures such as cold storage and deep freeze rooms, precooling rooms, resting and warehouse rooms, Pracht has developed new generation cold resistant luminaires for your requirements. Even at -50°C approximately 50% of the maximum luminous intensity is attained and at -30°C nearly 100% of the maximum luminous intensity is attained by Arktis. For applications involving lower operating temperatures, the PERMANENT T5 operates between -30°C to $+30^{\circ}\text{C}$.

The newly developed low temperature ignition system and suitable lamp covers guarantee a lamp conserving ignition characteristic thereby extending the service life of the lamps considerably.



Pracht have developed an ignition system that enables lamp firing ignition time at -40°C to be approximately one third of the conventional time needed.

Product responsibility and energy efficiency are clearly apparent when comparing the Pracht cold storage luminaires Arktis and PERMANENT T5 with diffuser and batten luminaires.

Application

Cold storage, deep freeze rooms, precooling rooms, resting and warehouse rooms, milk and yoghurt industry, seafood processing plants, meat processing plants

Luminaire recommendation

Arktis, PERMANENT T5



Troja

Industrial Pracht Luminaires

In almost all industries (chemical, automotive, mechanical engineering, wood processing, heavy industry, production etc) Pracht has developed lighting solutions with luminaires for fluorescent lamps.

Park and Ride

Social changes are having a constant impact on the transport sector with public transport becoming increasingly important to alleviate traffic congestion and reduce environmental impact.

Higher public transport patronage is resulting in new challenges to conventional lighting systems regarding safety, atmosphere and orientation. For this reason, it is important that luminaires which are intended for installation within publicly accessible areas offer high quality and durability.

Pracht offers to you a complete line of professional and impact resistant luminaires for all areas of road, rail, air, ship and pedestrian traffic.

Anti-Vandal

For illumination of public and unattended spaces like train stations, waiting areas, garages etc, we are able to offer vandal resistant luminaires.

These rugged lighting systems are equipped with a housing made of stainless steel or aluminium as well as impact resistant covers and secure locks (optional).

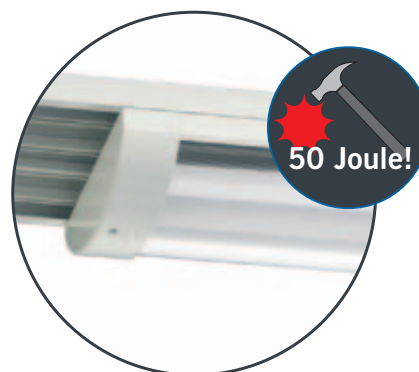
Our vandal resistant luminaire series are also suited for illuminating correctional facilities. The desired locking system is supplied as demanded.

Application

Public transportation facilities, business and industry, pedestrian underpasses, car parks

Luminaire recommendation

Troja





Pracht offers a complete line of professional and impact resistant luminaires specialising in the food and beverage processing industry along with road, rail, air, ship and pedestrian traffic.

Contact Advanced Lighting Technologies to take advantage of a Pracht Lighting solution today.



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