

PRACHT®

FARMER SOLUTIONS IN AGRICULTURE



5

YEAR
WARRANTY



>50.000 h
LIFETIME



LIVESTOCK
FARMING



AMMONIA
RESISTANT



LED

DAIRY

LIVESTOCK FARMING

AGRICULTURE

PRACHT IN AGRICULTURE



PRACHTOBJECT

An agricultural enterprise with focus on dairy and breeding of high performance cows.

Here, 100 Holstein cows produce around 10,000 liters of milk per cow and year.

Modern infrastructure, including the lighting of stable and milking sheds, allows a highly efficient coping with complex operational processes.



Dairy Gropper GmbH & Co. KG, Bissingen

“ FORTUNATELY WE NO LONGER HAVE
TO WORRY ABOUT LIGHT.
IT JUST WORKS. ”

ABOUT TUBIS N LED FARMER IN USE

PRACHTRESEARCH

Especially in agriculture the requirements are extremely high.

We collaborate with recognized universities to make lighting more and more suitable for humans and animals. So we continue to explore the effects of flickering and various light spectra.

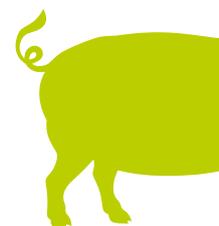
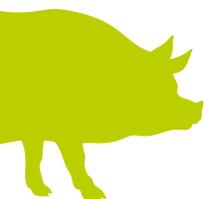
PRACHTSOLUTION

Here the milking area is illuminated by the **APOLLO LED INDUSTRY**. Its silicone seals are resistant against dust and wetness. The impact resistant PMMA glass provides optimum impact protection and the high quality industry components reduce maintenance. The circuit boards ensure smooth operation and long durability. A perfect illumination of all working levels is ensured due to comfortable swivelling.

PRACHT®



UP TO
135
LUMEN/WATT



TUBIS N LED FARMER

ANIMAL BUDDY



PRACHT®
TUBIS N LED FARMER
✓ Ammoniakbeständigkeit
DLG-Prüfbericht 6812

LOW FLICKER ENERGY-SAVING
LIVESTOCK FARMING
DLG TESTED **WATER PRESSURE PROOF**
IPX9K UNPROTECTED OUTDOOR AREAS
FOOD DUSTPROOF IP68

HOUSING Fully-sealed tubular housing, made of PRACHTOPAL (PMMA, impact resistant), substantially acid and alkali resistant, Ø 90 mm.

SEALS Short, ageing resistant silicone seals.

ELECTRICAL COMPONENTS High performance LED, built-in converter, DIM DALI and 1-10V control possible. Direct supply due to 1.5m connecting cable with open cable ends.

INSTALLATION Variable mounting points due to PRACHT-STEEL-CLAMPS. Suitable for ceiling, pendant, horizontal and vertical wall mounting.

FIELDS OF APPLICATION Unprotected outdoor areas, slaughterhouses, agricultural businesses, including unrestricted livestock farming (even pigsty and slaughterhouses).

5

YEAR
WARRANTY



UP TO 50.000 h
LIFETIME



A++



UNRESTRICTED
LIVESTOCK FARMING



FROM -20 °C
TO +35 °C



UNPROTECTED
OUTDOOR AREA



LED

PRACHT®



COST-EFFICIENT

TUBIS BL

EXTREMELY TIGHT

AMMONIA-RESISTANT ACID-ALKALI-RESISTANT AGRICULTURE

IP67
IP69K

UNPROTECTED OUTDOOR AREA HIGH-PRESSURE CLEANERS BARN

HOUSING PMMA-Blend round tube.

END CAPS PBT end caps.

SEALS Extremely short, age-resistant silicone seals.

ELECTRICAL COMPONENTS High power LED, LED converter.

ASSEMBLY Variable mounting distances by PRACHT-CLAMP-SYSTEM. Suitable for ceiling, wall, pendant and rail mounting.

FIELDS OF APPLICATION Unlimited agriculture incl. livestock farming, wet rooms, unprotected outdoor areas.

3

**YEAR
WARRANTY**



**FROM -20°C
TO +40°C**



A++



**UNRESTRICTED
LIVESTOCK FARMING**



**SILICONE
SEAL**



**UNPROTECTED
OUTDOOR AREA**

PRACHT®



**UP TO
40.000
LUMEN**

QUADRONIUS

FOR HIGH CEILINGS

**-30°C INNOVATIVE FLEXIBLE
ENERGY-SAVING HIGHLY EFFICIENT VERSATILE
SWIVELLING POWER**

HOUSING Die cast aluminium, white coating.

LAMP COVER Polycarbonate (PC, shatter proof), or LOPRA®.

SEALS Short, ageing resistant silicone seals.

ELECTRICAL COMPONENTS High performance LED, converter.

INSTALLATION Pendant mounting, (adjustable up to 2000mm), direct ceiling or wall mounting with ceiling mounting bracket (accessory).

FIELDS OF APPLICATION Cold storage facilities (-30°C), livestock farming with high ceilings.

5

**YEAR
WARRANTY**



**100.000 h
LIFETIME**



A++



**LIVESTOCK
FARMING**



**FROM -30°C
TO +45°C**



LED

PRACHT®



APOLLO G2 INDUSTRY

SWIVELLING LIGHT

DURABLE **INSTANT HIGH LUMINOUS FLUX**
RESISTANT **LOW MAINTENANCE**
HIGH POWER
ENERGY-SAVING -45°C... +65°C
LOW FLICKER

HOUSING Slim, elegant, fully sealed luminaire housing made of glass fibre reinforced polyester, white, substantially acid and alkali resistant.

LAMP HOLDER END PIECES Single piece push-fit lamp holders made of PBT, shatter proof, with clips made of stainless steel.

LAMP COVER With parabolic mirror reflector, swivelling, made of PRACHTOPAL (impact resistant).

SEALS Short, ageing resistant silicone seals.

ELECTRICAL COMPONENTS Internal industrial PCB's and industrial grade driver.

THROUGH-WIRING Available up to 5x2,5mm² + 2x1,5mm².

INSTALLATION Variable mounting points due to PRACHT-CLIP-SYSTEM made of stainless steel. Suitable for ceiling, pendant and horizontal wall mounting.

FIELDS OF APPLICATION Passages, milking shed, halls, stables with high ammonia load (ltd).

5

**YEAR
WARRANTY**



**UP TO 100.000 h
LIFETIME**



A++



**LIVESTOCK
FARMING**



**SILICONE
SEAL**



**FROM -45°C
TO +65°C**



LED

**"THERE WILL NEVER BE ANY COMPROMISE
IN THE QUALITY OF MY PRACHT LUMINAIRES."**

Alfred Pracht, founder, 1963