

STRONGERTUBE 2 Galli-Lux series

LED luminaire for livestock farming

made by...

zalux 

Pacelum's STRONGERTUBE is a flicker-free stable lamp for the highest requirements in animal breeding. Due to its gas-tight design, the luminaire protects its LEDs against typical ammonia vapours (and others) from premature ageing. STRONGERTUBE luminaires are resistant against most common cleaning and disinfecting agents.



The term "Galli-Lux" denotes a special spectra emitted by the luminaire that focus on supporting poultry's visual perception and biological needs throughout the whole grow phase: more yield through biologically effective light! Other than standard LEDs developed for human beings, Pacelum's Galli-Lux technology emits UV as well as short blue, broad greenish and long red wavelength components. This helps poultry to easily identify conspecific / fellows as well as fodder and thus reduces stress within the flock. Our Galli-Lux spectrum is available as a static, one channel version and dynamic with 4 individual channels (DT8 or CAN bus) to fine-tune for all necessary processes (stabling, grewing, cleaning, etc.).

Mounting accessories:

- Stainless steel mounting brackets included
- Pipe clamps optionally available (TK 10185019)

Electrical connection (class I)

All connecting cables (3m, NYY 1,5 mm²) are single sided, firmly potted on the luminaire and thus protected against the ingress of water. Lights can be factory fitted with quick connectors (TWW) and through-wiring (LV) upon request.

Dimming

If twilight gradients are to be simulated, a specific illuminance is to be set or an orientation light is desired at night, dimmable luminaires are used.

ET

Non-dimmable

ETD

0-10/1-10 V dimmable

ETDD

DALI dimmable (DT6, DT8 or CAN bus)

Ceiling heights

For low ceiling heights, a short length variant with reduced power are available upon request. Light distribution curves are available through our website (www.Pacelum.com).

Standard

l = 1.340 mm

h = 123 mm

w = 117 mm

weight = max. 4,4 kg

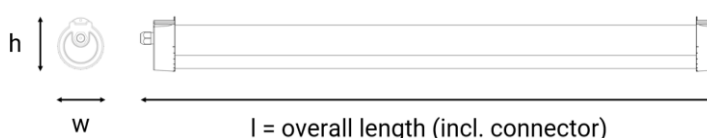
Short

l = 780 mm

h = 123 mm

w = 117 mm

weight = max. 3,4 kg



Protection class

STRONGERTUBE luminaires are IP69K protected and thus resistant against water ingress, ammonia vapours and various cleaning agents. Mechanical impact resistance is rated IK10.

Life time

L80-rating (at 25° C) is rated 100.000 h. Ambient temperatures shall meet -30 to + 35° C.

TK	Name	Housing type	Power [W]	Driver	No. of channels
10182928	MXB 5000-CCL ETDD 1CH	Standard	46	ETDD (DT6)	1
-	MXB 2800-CCL ETDD 1CH	Short	26	ETDD (DT6)	1
10182929	MXB 3000-CCL ETDD 4CH 48V	Standard	46	ETDD (DT8)	4