

# STRONGERTUBE 2 core 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 core series designates two-channel luminaires:

- White and blue light luminaires (W2B) being used as catch light during stabling or supporting the circadian rhythm of animals for increased health.
- White and red light luminaires (W2R) imitate sunset / sunrise and are used for special purpose, like for poultry layers.
- Greenish / blueish spectral output variants are optimized for enhanced growth throughout the whole life cycle or your animals.
- Special two channel versions feature switchable light distributions, from an maximum width (MXB style) to a deep wide optics beam (TB style)

## Mounting accessories:

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

## Electrical connection (class I)

All connecting cables (3m, NYY 1,5 mm<sup>2</sup>) 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)

## 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](http://www.Pacelum.com)).

### Standard

l = 1.340 mm

h = 123 mm

w = 117 mm

weight = max. 4,4 kg

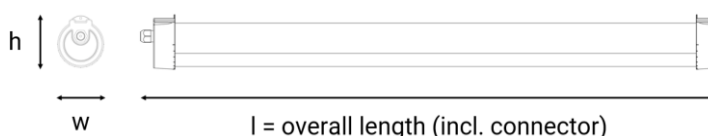
### Short

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	Housing type	Power [W]	Driver	Flux [lm]	Color Code
10182931	Standard	46	ETDD	6.500	940-W2B
10182932	Standard	46	ETDD	6.500	930-W2R
10182930	Standard	46	ETDD	6.500	750-G2B
10183285	Standard	46	ETDD	6.000	830-MXB/TB