



pacelum

made by...



zalux

LED luminaire for livestock farming

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.

5 YEARS
warranty



Various end cap colors upon request.



The MXB series designates a batwing style integrated optics that illuminates huge areas with few luminaires. The installation of only one centrally placed row of lights reduces costs.

Within a 100x20 m stable, maximum 17 luminaire will produce 20 lux with a uniformity of almost 80% while total power consumption will be at this dimming setting roughly at 400 W.

Different spectra, e.g. with colour additives to suppress aggression, increase feed conversion, UV light for improved social behaviour and much more upon request.

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. Optionally, lights can be factory fitted with quick connectors (TWW) and through-wiring (LV).

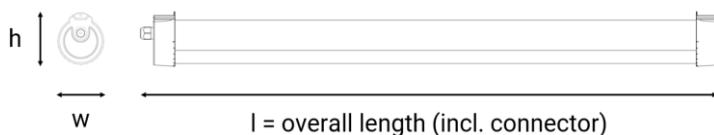
Dimming

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.

<u>ET</u>	<u>ETD</u>	<u>ETDD</u>
Non-dimmable	0-10/1-10 V dimmable	DALI dimmable (DT6)

Ceiling heights

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

<u>Standard</u>	<u>Short</u>	
I = 1.340 mm	I = 780 mm	
h = 123 mm	h = 123 mm	
w = 117 mm	w = 117 mm	
weight = max. 4,4 kg	weight = max. 3,4 kg	I = overall length (incl. connector)

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
10183278	Standard	46	ETDD	6.500	830
10183276	Standard	46	ET	6.500	840
10194325	Short	26	ETDD	3.700	840
10183277	Standard	46	ETDD	6.500	840
10182927	Standard	46	ETDD 0,1%	6.500	840
10183279	Standard	46	ETDD	6.500	850