

STRONGERTUBE 2 LV

LED luminaire for livestock farming

made by...



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 LV series designates a "through-wiring" version, that has NYY 1,5 mm² cables attached to each side of the luminaire for easy installation. Variants with and without factory fitted quick connectors (TWW) are available. Cables are firmly potted on the luminaire and thus protected against the ingress of water. Additionally, the LV series comes with MXB batwing style integrated optics that illuminate huge areas by few luminaires. This reduces installation costs by only one centrally placed row of lights.

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)

Cables (3m, NYY 1,5 mm²) attached to both sides (LV).

TWW variants include factory fitted quick connectors.

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

Upon request, short length variants with reduced power are available. Light distribution curves may be downloaded through our website (www.Pacelum.com).

Standard

l = 1.340 mm

h = 123 mm

w = 117 mm

weight = max. 4,4 kg

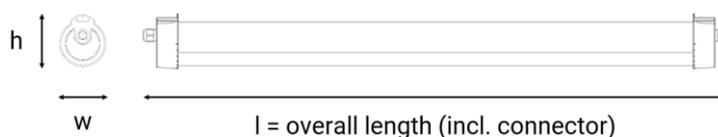
Short

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	Housing type	Power [W]	Driver / Connection	Flux [lm]	Color Code
10183282	Standard	46	ETDD + LV	6.500	830
10183281	Standard	46	ETDD + LV	6.500	840
10183283	Standard	46	ETDD + LV + TWW	6.500	840+UV
10183280	Standard	46	ETDD + TWW	6.500	840+UV