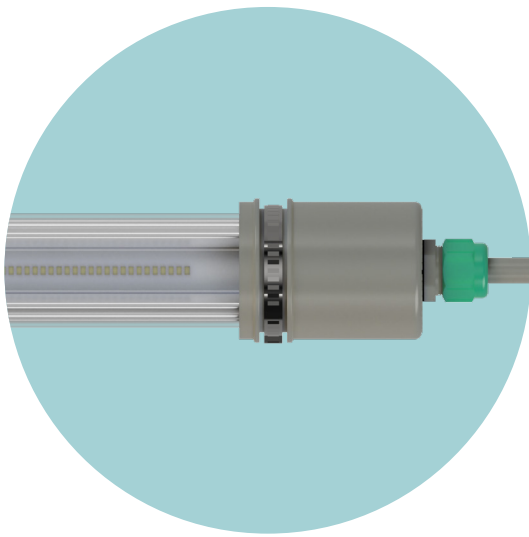


RUDAX

The RUDAX is the way to go to realise an optimal light climate in a cattle house. It improves both cattle and farmer well-being in multiple ways. Amongst others, this results in higher milk production and improved farm results.



Specifications

Operating voltage:	230 VAC ~ 50Hz
Power consumption:	32W
Dimmable:	Yes (DALI2 DT8)
Dim range:	1 - 100%
Light technology (+connection):	LED, 5 pole connection cable
Earth leakage:	<0.5 mA
Main light colour:	4000K (Neutral white)
Main light output:	4500 lm
Efficacy:	140 lm/W
CRI:	>80
Tuneable colour:	From 4000K to optimized spectrum for Cattle
Flicker-free:	Yes
Lifetime:	>50,000h*
Operating temp.:	-10°C (14°F) < Ta < +40°C (104°F)
IP:	IP67
Nett weight:	1964 gr / 4.33 lbs
Tube:	PC
Warranty:	8 Years**
Application:	Cattle

Accessories



RUDAX Connection Cable 3 meter
barcode: 7431



RUDAX Clamp bracket with carabiner
barcode: 1059 / Y210185



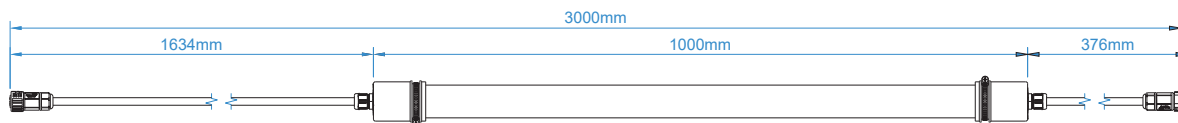
RUDAX end cap
barcode: Y310525

* Lifetime is a projection based on the IES-recommended method (TM-21) for projecting lumen degradation of an LED package, array or module based on data collected according to LM-80. the maximum projection is limited to 6 times the test duration. With a test duration of one year, the maximum allowed projection is 50.000h.

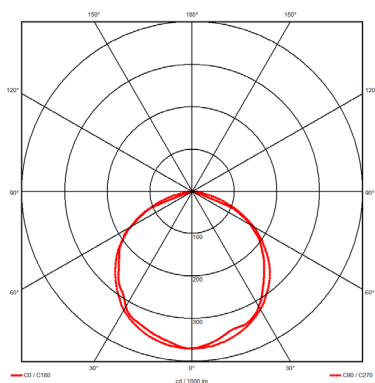
**Ask your sales representative for the product specific warranty terms and conditions.

RUDAX

Dimensions



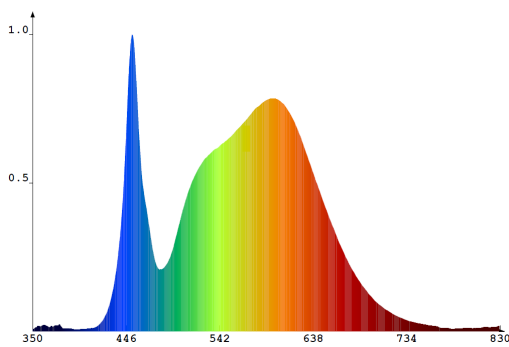
Light spread



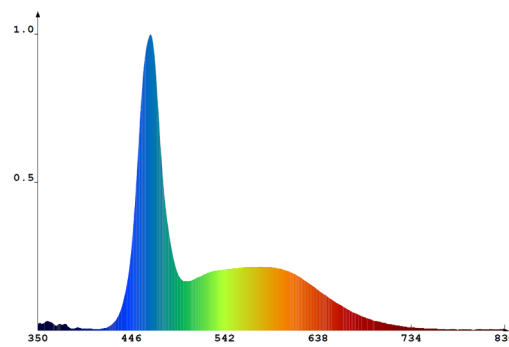
Spectrum

Measured with the HATO ONE spectrum meter

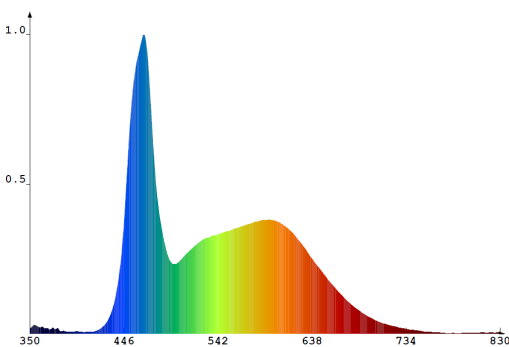
100% Main light spectrum



100% Optimized cattle light spectrum

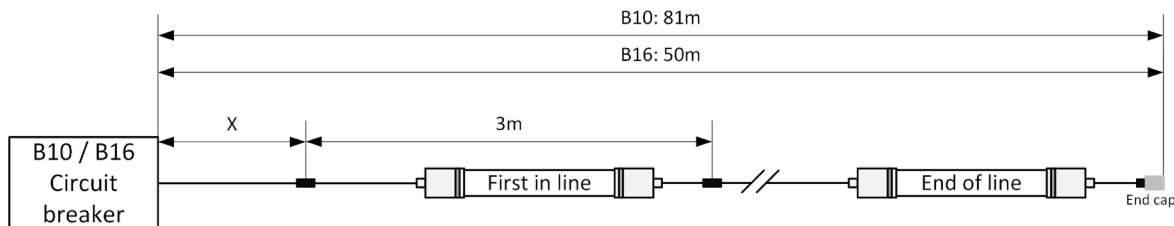


50% Main light spectrum & 50% Optimized cattle light spectrum



RUDAX

Installation example



Inrush current: 17A (cold start)

Circuit breaker	Maximum single line length after circuit breaker [m]	Maximum number of lamps per circuit breaker*
B10	81	19
B16	50	28

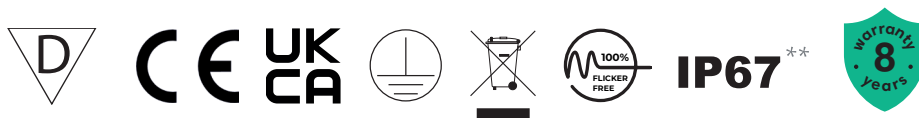
Calculation example single line

Circuit breaker	Maximum number of lamps in one line with 3m (X = 3m) cable between circuit breaker and first lamp	Maximum number of lamps in one line with 10m (X = 10m) cable between circuit breaker and first lamp
B10	19	19
B16	15	13

*Maximum number of lamps in line is limited by inrush current and maximum cable length. Calculation example above takes both into account.

Multiple lines can be connected to a single circuit breaker as long as it is within maximum length per line and maximum number of lamps per circuit breaker.

Markings



* Lifetime definition & measurement available upon request

** Protection test against penetration of water IPX7

(protected against the effect of temporary immersion up to 1 m)

Specifications are subject to change without prior notice

In case of discrepancy, the English version shall prevail