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Easy installation of new LED fixtures



New LED fixture is installed directly above the heads of the pregnant sows.

RN Solutions in Støvring has developed a new type of LED luminaires which, according to director Rune Nielsen, differs from other luminaires.

"Firstly, the fixture is modular, so assembly is very simple," he explains.

Next, the transformer and LEDs are molded together, so there is no risk of it going haywire in the barn environment.

Thirdly, Rune Nielsen emphasizes that the set-up and location of the fixtures is different.

"It is well known that there is too little light in many barns, but by placing the light closer to the sows' living area, the sows experience that there is more light in their surroundings," he explains.

The fittings from RN Solutions can, for example, be mounted directly above a running box with the supplied multi-bracket.

ENERGY SUBSIDIES

As with other LED lights, farmers can obtain subsidies by installing the luminaires from RN Solutions.

"We expect a payback period of only around two years," explains Rune Nielsen.

Energy consumption is around 40 percent compared to traditional pipes.

Added to this is an expected lifetime of 50,000 hours, or about five times the lifetime of a regular fluorescent tube. With lights on for half the day all year round, this corresponds to a lifetime of 10-12 years.

"The big advantage of our fittings is the installation according to the plug and play model. The farmer manages most of it himself," says Rune Nielsen.

