



AGRICULTURAL LIGHTING SPECIALIST



SOLUTIONS FOR ALL YOUR LIGHTING NEEDS

We understand the factors that affect your production

An appropriate lighting program, light intensity and color temperature for a specific type of farming, when combined with high quality LED lighting equipment, can:

- Contribute to the animal well-being and to its good behaviour
- Increase your productivity
- Reduce your energy costs



About us

Specialized in agricultural lighting since 1992, CBM Lighting offers a wide range of products adapted to agricultural installations and to the specific requirements of different types of agricultural production.

CBM Lighting continues year after year to deepen its knowledge and to innovate in order to continue to respond efficiently to the needs of its customers and to provide them with complete and customized solutions. CBM Lighting is proud to be a recognized manufacturer for the quality of its products as well as for its professional service during and after sales.



CBM Lighting is committed to providing superior performance products and a high level of customer support, during and after sales.

LIGHT, A FACTOR OF LIFE

Adequate lighting has an effect on zootechnical results

It has been shown that natural light influences the circadian cycle and that exposure to light acts on certain hormones such as melatonin (hormone related to sleep) and cortisol (stress hormone) and therefore on behavior.

Artificial light must therefore reflect as optimally as possible the photoperiods, light intensity and exposure to certain colors of the light spectrum that are naturally essential to good animal behavior.

High quality products designed for your needs



Stardim Technology

Dimmable from 0.2% to 100%
Sunrise and sunset simulation



Consistent quality

Manufactured with high quality components
Uniformity of light distribution



Anti-flicker

Invisible flicker of 4% or less



Resistant

Highly resistant products to impact
Washable with pressure up to to 103 Bar & 93°C with steam
Resistant to water, corrosion and steam
IP67



Energy efficient

Energy efficient LED products
Durable products
No gas, UV emissions or heat release



Adaptable


Multiple size available
Custom design

OUR TECHNOLOGIES

Technologies adapted to your type of farming

CBM Lighting has developed technologies and knowledge that contribute to the wellbeing of your animals and to the optimization of your production. Our

technologies aim to improve the different indices: ADG (Average Daily Gain), DFI (Daily Feed Intake) and FCR (Feed Conversion Ratio).

		Advantages		
		Poultry farming	Pig farming	Cattle farming
	3000K 3000K provides a soft light that has a calming effect on animals, reducing aggressive behavior and promoting their wellbeing.	<ul style="list-style-type: none">• Reduces cannibalism• Increases spawning rate	<ul style="list-style-type: none">• Reduced the stress levels of the sows• Promotes their wellbeing	<ul style="list-style-type: none">• Helps digestion• Increases milk production
	4000K 4000K offers versatility, allowing it to be used for a variety of animal rearing stages and species.	<ul style="list-style-type: none">• Promotes weight gain• Reduces picking between birds• Ideal for mixed farming in one building	<ul style="list-style-type: none">• Ideal for farrowing and fattening• Promotes weight gain	<ul style="list-style-type: none">• Promoted calm behaviour• Ensures sustained feeding• Environment light (cubicle and stalls)
	6500K 6500K provides a cool light that stimulates active behavior in animals and promotes good feeding.	<ul style="list-style-type: none">• Improves the feed conversion ratio• Increases weight gain and muscle mass	<ul style="list-style-type: none">• Increases weight gain• Increases heat and fertility rates	<ul style="list-style-type: none">• Promoted active behavior• Increases weight gain
	Red and White Because the red and white diodes can be dimmed independently, this technology offers great flexibility in terms of color temperatures, ranging from 1500K to 6500K, which allows for better control over the animal behavior. Technology adapted to all animal productions.	<ul style="list-style-type: none">• Red: has a calming effect on birds• White: stimulates active behavior and healthy habits	<ul style="list-style-type: none">• Provides better control over the animal behavior• Can be adapted to all production cycles	<ul style="list-style-type: none">• Facilitates the choice of light adapted to the feeding and resting phases.
	Full Spectrum The broad spectrum technology offers a light spectrum reminiscent of that emitted by the sun that promotes the growth and good behavior of the animals. Technology adapted to the fattening productions of all types of animal farming.	<ul style="list-style-type: none">• Stimulates feeding• Increases weight gain and muscle mass	<ul style="list-style-type: none">• Increases weight gain• Increases heat and fertility rates	<ul style="list-style-type: none">• Increases weight gain• Stimulates calves' growth and weight gain

OUR PRODUCTS



On / Off TE tube - clear



TExxNRyyKC

- Available in 1200 and 1500 mm
- 3000K, 4000K and 6500K
- Rotating end cap - 360° orientation
- Beam angle - 220°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67
- 20W



On / Off TE tube - opaque



TExxNRyyKO

- Available in 1200 and 1500 mm
- 4000K and 6500K
- Rotating end cap - 360° orientation
- Beam angle - 140°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67



Dimmable TE tube - clear



TExxREGyyKC

- Available in 1200 and 1800 mm
- 3000K, 4000K and 6500K
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100%
- Beam angle - 220°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67
- 18W



Dimmable TE tube - Full spectrum



TExxREGFS

- Available in 1200 and 1800 mm
- Combination of red and green diodes
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100%
- Beam angle - 220°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67
- 23W



Dimmable TE tube - Red and white



TExxREGRB

- Available in 1200 and 1800 mm
- Color temperature - from 1500K to 6500K
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100% (Red and white diodes are dimmable independently)
- Beam angle - 220°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67
- 23W



Vertical TE tube - Red and white



TE18REG2VRB

- Length of 1800 mm
- Color temperature - from 1500K to 6500K
- Dimmable from 0.2% to 100% (Red and white diodes are dimmable independently)
- Diffusion - 360°
- % flicker of non-visible light <4%
- Integrated 3,50 m electric cable with quick connector (M/F)
- IP67
- 30W



OUR PRODUCTS



Dimmable TE tube – 48 volts for aviary



TExx-yW-48V-zz

- Available in 1800 mm and 2400 mm
- 3000K (6W or 8W) or Red and white (12W)
- 120 Lm/W (3000K) – 50 Lm/W (Red)
- Dimmable from 0.5% to 100%
- Beam angle - 150°
- % flicker of non-visible light <4%
- Mount included
- IP67

Dimmable TL tube – 9W for aviary



TL6LV-xxW-REG-V

- Available in 1800 mm
- 3000K (9W) and 6500K (18W)
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100%
- Beam angle - 220°
- % flicker of non-visible light <4%
- 30cm cables with M/F connectors at the ends
- Ip67

Dimmable TE tube – Cross Connect



T250

- Available in 1200 mm
- 3000K, 4000K and 6500K
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100%
- Beam angle - 220°
- % flicker of non-visible light <4%
- Cross connection through M/F connectors
- 50cm cable outlet and T with 2.5m each side
- IP67
- 18W

Dimmable TE tube – Quick 3 Plugs



3PR

- Available in 1200 mm
- 3000K, 4000K and 6500K
- Rotating end cap - 360° orientation
- Dimmable from 0.2% to 100%
- Beam angle - 220°
- % flicker of non-visible light <4%
- Direct connection - no cable required
- IP67
- 18W

SL series Lantern



SLxyW48VzzK

- 2700K (9W or 15W) or Red and white (15W)
- Dimmable in DC48 via signal 0-10V from 0.5% to 100%
- Beam angle - 145°
- % flicker of non-visible light <4%
- Solo or linear options
- IP67

Dimmable Round High Bay



HBRDxxxW

- Round LED pendant light
- Available in 100W, 150W and 200W
- Color temperature - 5000K
- High Output - 160 Lm / W
- Beam angle - 120°
- % flicker of non-visible light <4%
- 120 / 347V
- Dimmable in 0-10V
- IP65

Poultry farming

The technologies developed and recommended by CBM Lighting for poultry production aim to:

- Reduce the aggressivity rate and picking
- Reduce the stress level
- Improve zootechnical results (indices)
- Reduce the mortality rate
- Improve the homogeneity of the flock

For example, in layer productions, the creation of a light path favors good egg-laying in the nest and drastically limits egg-laying on the ground. In fattening productions, uniform lighting limits the rapid degradation of the litter.

Optimal and recommendable technologies for:



- Pullet
- Layer
- Duck fattening



- Hen reproduction
- Turkey reproduction
- Broiler duck



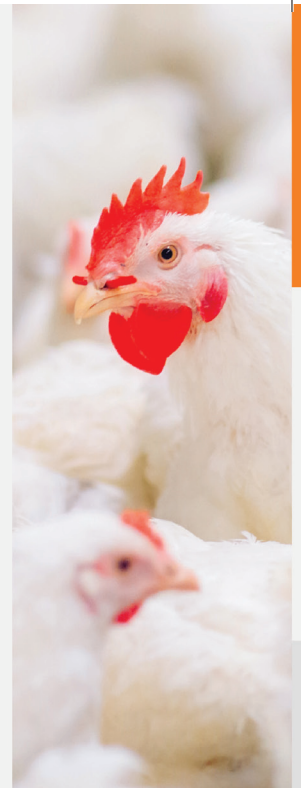
- Broiler chicken



- Broiler chicken
- Broiler turkey
- Broiler duck



- All types of poultry farming



Pig farming

The technologies developed and recommended by CBM Lighting for pig farming aim to:

- Increase the weight gain - Improved average daily gain (ADG) and feed conversion ratio (FCR)
- Reduce energy consumption and therefore associated costs
- Homogenize the production
- Contribute to the comfort of the animals

A good light program that includes precise parameters (color temperature and number of Lux) adapted to each stage of the production improves the zootechnical results of a pig farm. For maternity and gestation cycles, dimming the light intensity is highly recommended for optimal results.

Optimal and recommendable technologies for:



- Gestation
- Farrowing



- Post-weaning period
- Fattening
- Farrowing



- Reproduction
- Fattening



- Reproduction
- Fattening
- Post-weaning period



- All types of pig farming



Cattle farming

The technologies developed and recommended by CBM Lighting for cattle farming aim to:

- Increase milk production
- Better vision and wellbeing of the animal, and therefore better productive behavior
- Reduce energy consumption and therefore associated costs

Long exposure to light has a positive influence on the productivity, fertility and health of the animals. It is important to adapt the light intensity (Lux) and color temperature according to the different zones in the barn.

Optimal and recommendable technologies for:



- Cubicles



- Feed table
- Cubicles



- Calf production
- Veal calf



- Calf production
- Veal calf



- All types of cattle farming



OUR CONTROL UNITS



Control your environments

Based on your needs and your installations, we have the control unit pour you.

All units are specially designed for dimming CBM Lighting brand LED lamps.

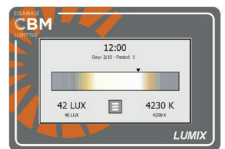
DTD SLAVE / PRO (1 OR 2 ZONES)



DTD1-SLAVE/PRO | DTD2-SLAVE/PRO

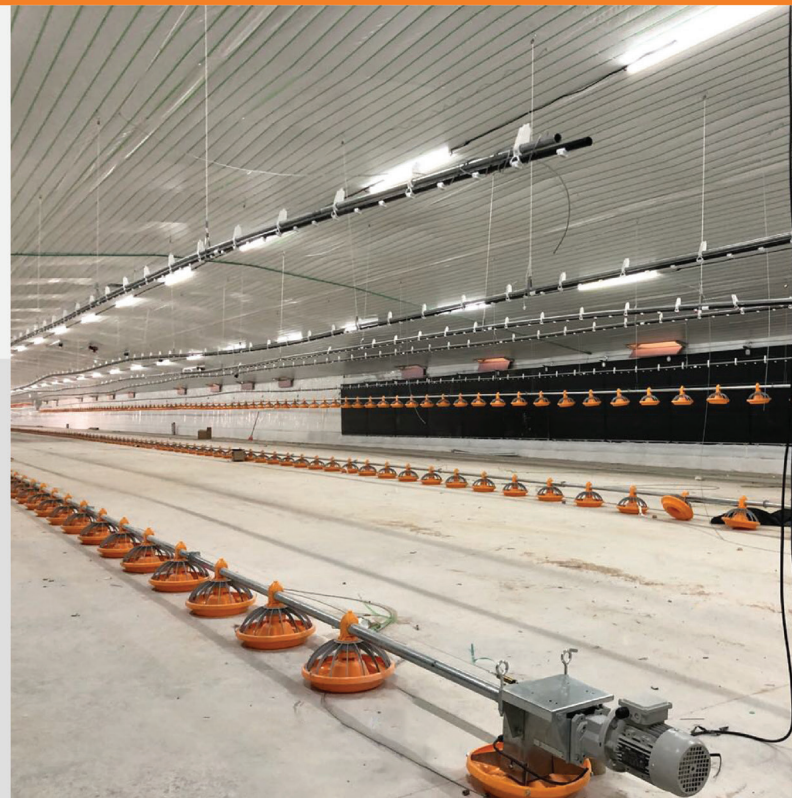
- LCD display
- 1 or 2 zones
- Dimmable from 0.2% to 100%, no flickering
- 10A per zone
- Slave or master modes

DTD-LUMIX



DTD-LUMIX

- Touch screen
- Designed for Red and white technology
- Light intensity and color control
- Dimmable from 0.2% to 100%, no flickering
- Slave or master modes



CBM1Z10



CBM1Z10

- LCD display
- Options 1 or 2 zones
- Slave or master modes

CBM500W / CBM1200W



CBM-CB-500W | CBM-CB-1200W

- Options 500W or 1200W
- Dimmable in slave mode (0-10V) for electrical cabinet

CBMLABEL



CBM-LBL-500W | CBM-LBL-1200W

- Independent box unit with a 0-10V signal
- Manual adjustment wheel
- Capacity of 500W or 1200W

**Your agricultural lighting
specialist since 1992**



Satisfied clients

Thousands of farmers
around the world
trust CBM Lighting



www.cbmlighting.com

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