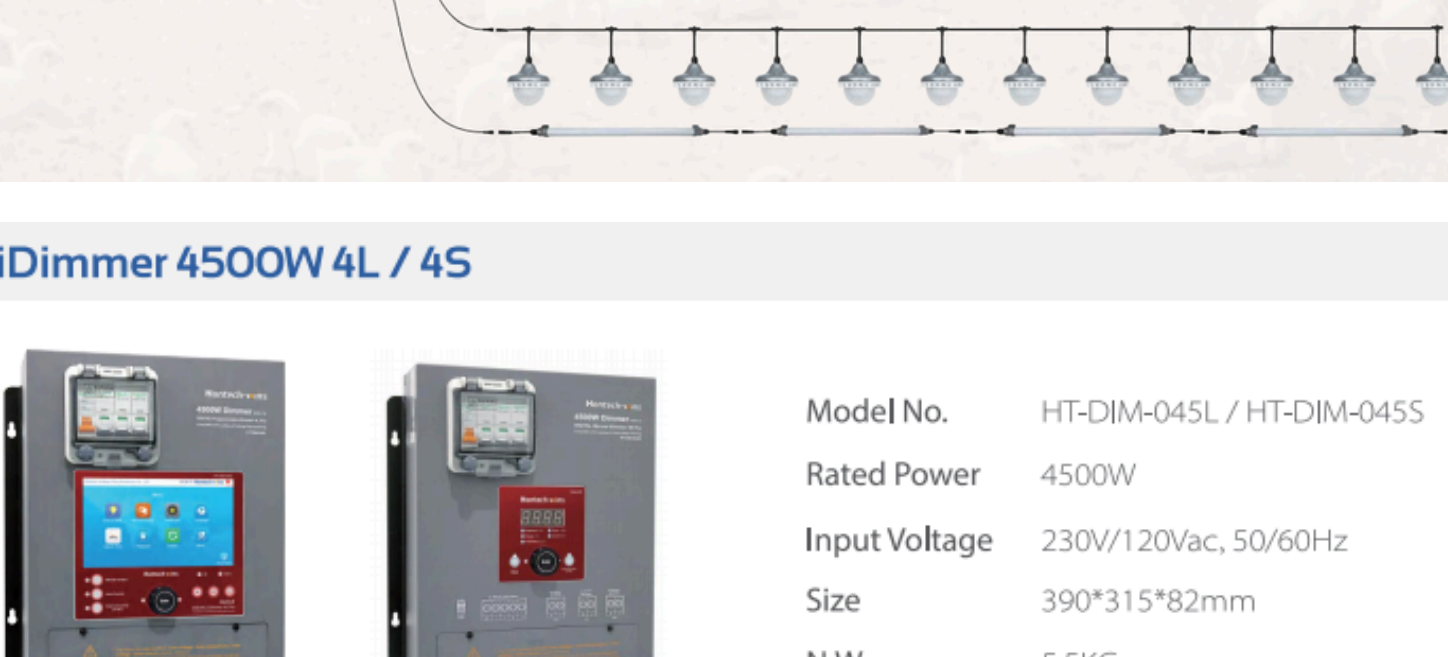




230V/120Vac Lighting Solutions
FOR FLOORING



LIGHTING SYSTEM FOR FLOORING



iDimmer 4500W 4L / 4S



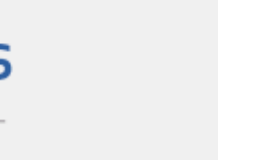
Model No.	HT-DIM-045L / HT-DIM-045S
Rated Power	4500W
Input Voltage	230V/120Vac, 50/60Hz
Size	390*315*82mm
N.W.	5.5KG
IP Grade	IP54



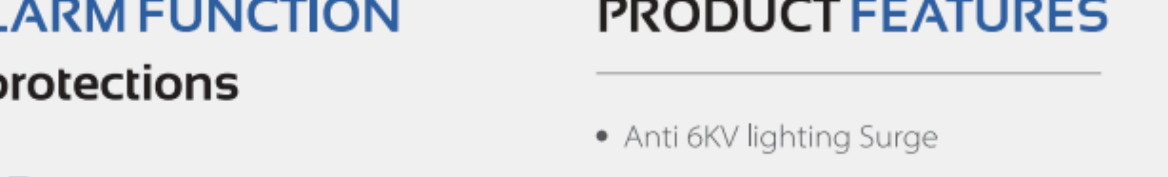
iDimmer 3000W 3L / 3S



Model No.	HT-DIM-030L / HT-DIM-030S
Rated Power	3000W
Input Voltage	230V/120Vac, 50/60Hz
Size	330*250*105mm
N.W.	3.5KG
IP Grade	IP54



Support:



ALARM FUNCTION

5 protections

SCP

Short Circuit Protection

OC

Over Current Protection

OVP

Over Voltage Protection

OPP

Over Power Protection

OTP

Over Temperature Protection

PRODUCT FEATURES

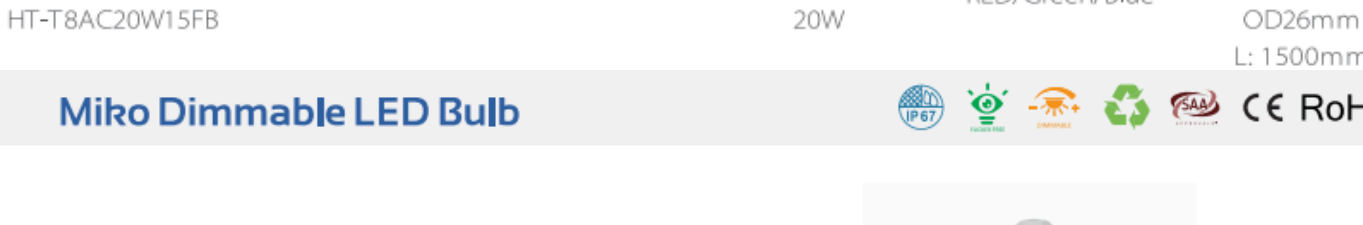
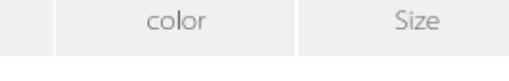
- Anti 6KV lighting Surge
- Dim to 0%V, Relay cut off
- Harmonic Current Inhibition
- Support system updating
- 24hrs/Days lighting program control
- Support DIY lighting program setting
- 24 Modes for lighting program setting
- High Efficiency : 98%
- Dimmable from : 0%-100%
- Smooth dimming without flickering
- RS485 international standard communication protocol
- Support 0-10V signal

T12 · 2 Colors / 4 Colors



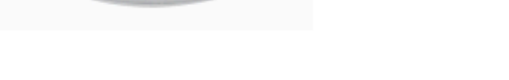
HT Code	Beam Angle	Voltage	Power	color	Size
HT-T12AC25W12FS	180°	230V/120Vac	25W	2 Colors	OD32mm L: 1200mm
HT-T12AC30W15FS			30W	4 Colors	OD32mm L: 1500mm

T8 LED Poultry Light



HT Code	Beam Angle	Voltage	Power	color	Size
HT-T8AC18W12FB	180°	230V/120Vac	18W	2700-6500k	OD26mm L: 1200mm
HT-T8AC20W15FB			20W	RED/Green/Blue	OD26mm L: 1500mm

Miko Dimmable LED Bulb



HT Code	Voltage	Socket Type	Power	Size
HT-QPF07WS	230V/120vac	E27	7W	OD70*120mm
HT-QPF10WS		HT19	10W	OD80*135mm

TOP-TIER QUALITY

STANDS UP TO WHEEL ROLLING

5-YEAR WARRANTY GUARANTEED

WATERPROOF IP67



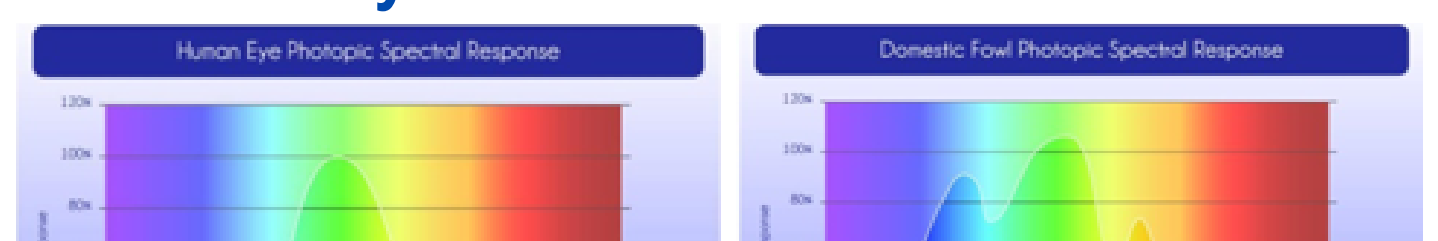
AUTO DIMMING PROGRAM

LESS CHICKEN STRESS

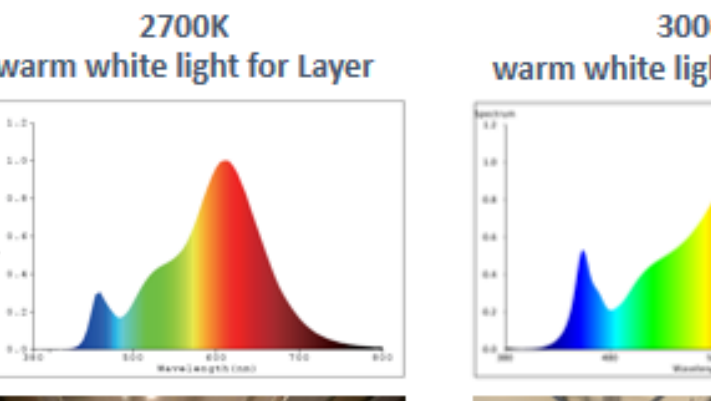
MORE EFFICIENCY

SAVES LABOR/ELECTRICITY COSTS.

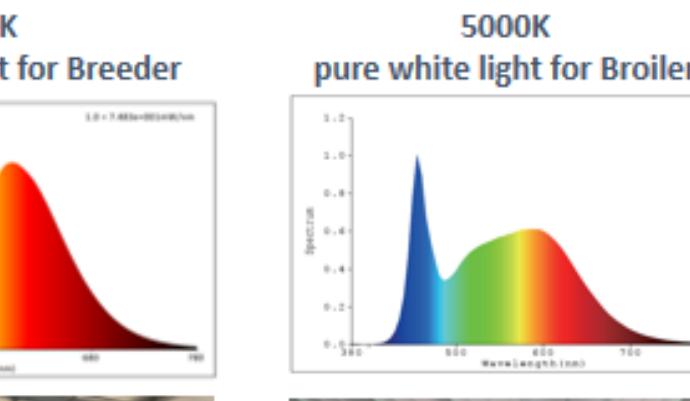
According to the RSPCA(Royal Society for the Prevention of Cruelty to Animals), The light intensity between lighting period must be adjusted in a gradual manner (Using dimmer or switching individual lights on/off) over at least 15 minutes to reduce the stress respond.



Full spectrum light designed specifically for Poultry.

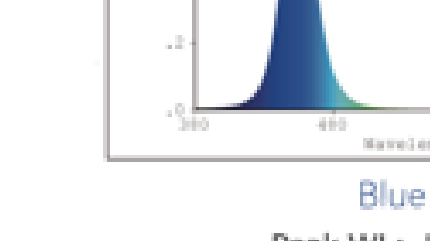
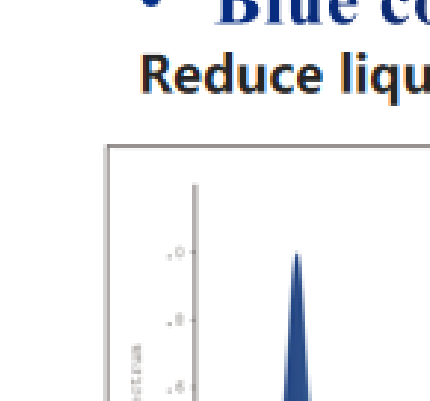


Human Eyes



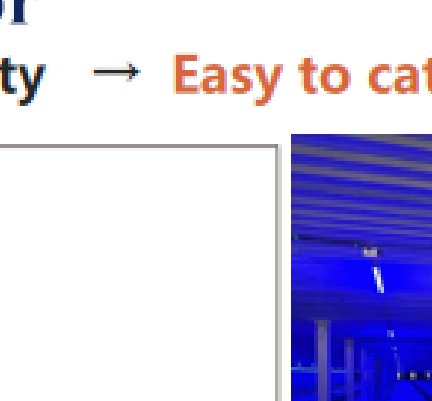
Chicken Eyes

2700K warm white light for Layer



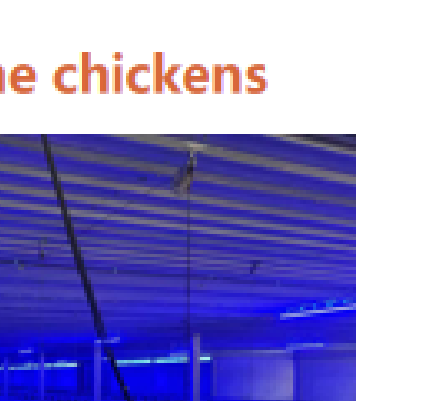
To enhance the egg production and egg quantity

3000K warm white light for Breeder



To enhance the egg production and egg quality for next generation

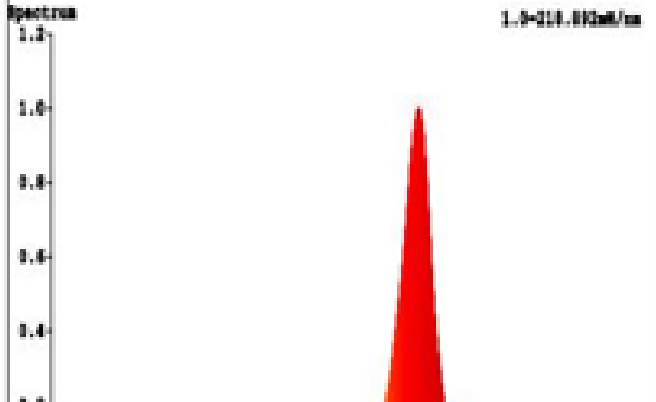
5000K pure white light for Broiler



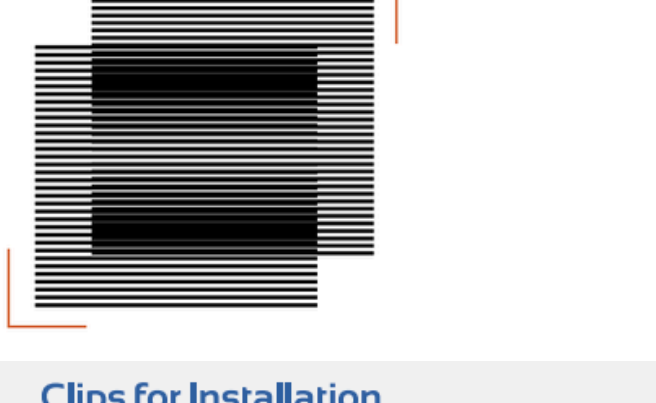
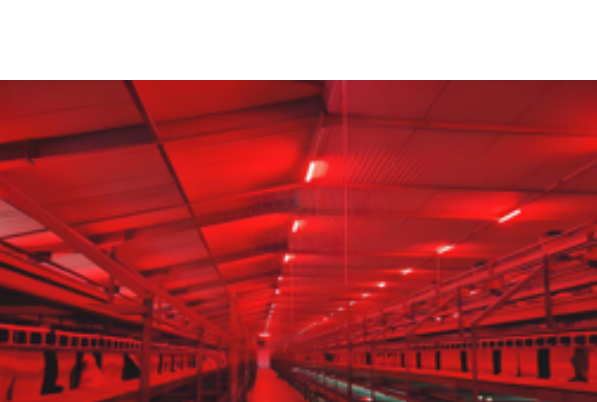
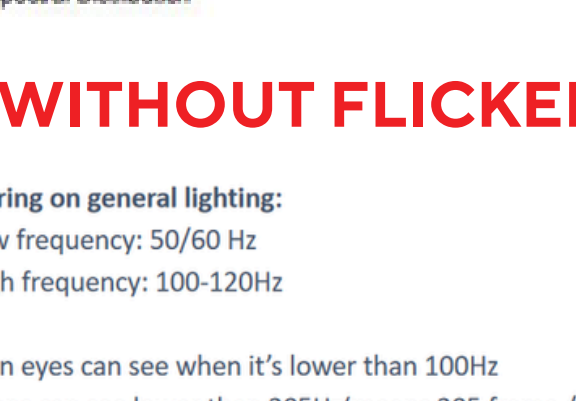
Improve the quality of the chicken meat

• Blue color

Reduce liquidity → Easy to catch the chickens



Blue color
Peak WL: Lp=460nm



WITHOUT FLICKER

Flickering on general lighting:

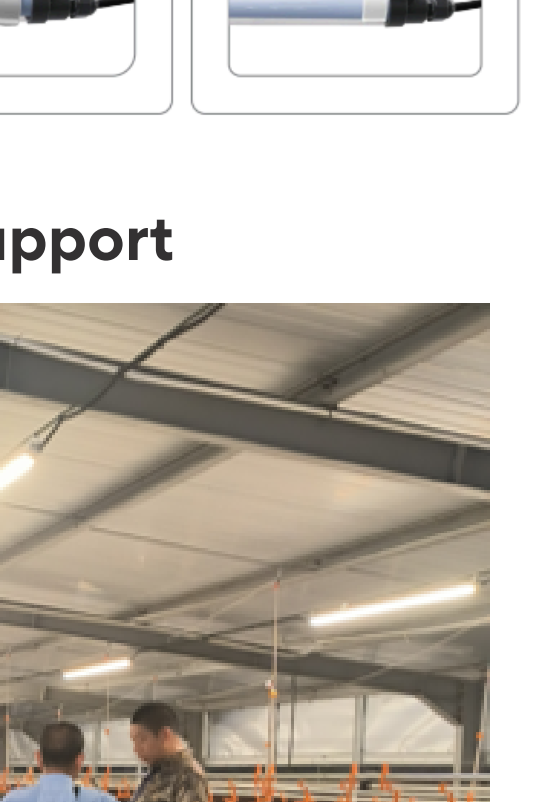
- Low frequency: 50/60 Hz
- High frequency: 100-120Hz

Human eyes can see when it's lower than 100Hz

Chickens can see lower than 205Hz(means 205 frame / per second)



Flickering will cause:



Clips for Installation



Easy installation

Professional installation support

