

ECO INDUSTRIAL SUPPLIES

7 Oak Ave Clovelly Park South Australia 5042

Phone +0061 08 8276 5307 Mobile +0061 0458 158 777

ABN: 25 145 151 241



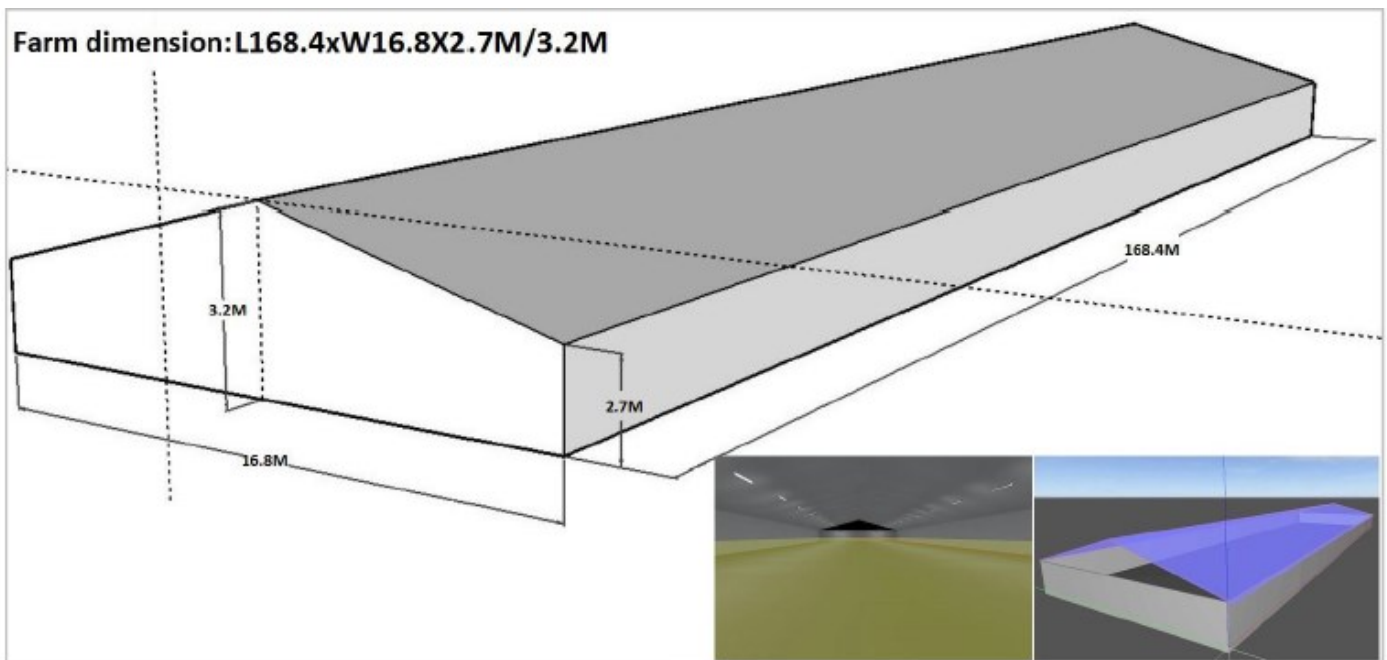
Suggested LED Lighting Design for a Broiler Chicken Shed

1. Poultry Project

- Farm Size: 168.4m x 16.8m, 2.7m/3.2m

2. Suggested LED Poultry Light and Dimming Controller



AU \$7,045.50 for one chicken shed LED lighting system -> LED tube + iDimmer 3L



Suggested Lighting

1) LED tube lights: 1200mm 18W 180-260Vac 4700-5300K, double end cable 4.6M, each side with 2.3M cable 16AWG

2) iDimmer 3L 2200W: Dimming system. Dimmable setting of days, groups, light on/off time, light intensity, and manual/auto control, with 0-10V signal

Product picture	Model number	Wattage/ CCT	Details
	HT-T8AC18W12FB	18W 5000K for broiler	1) Voltage : 180-260Vac Flicker free 0Hz 2) Efficiency : 92%, PF : 0.96 3) T8 LED tube, 1200mm 4) IP Grade : IP67 5) Dim : Dimming from 0-100%, lighting brightness from 1 to 100% 6) Certificate : TUV, SAA, SASO, CE, ROHS
	iDimmer 3.0 Dimmer&Timer together	2200W 180-240Vac 50-60Hz	1) Dimming from 0-100%, lighting brightness from 1 to 100% 2) Manual light on/off 3) DIY lighting program, 24 hours/days lighting program control 4) Setting of days, groups, light on/off time, light intensity, manual/auto control 5) With 0-10V signal

ECO INDUSTRIAL SUPPLIES

7 Oak Ave Clovelly Park South Australia 5042

Phone +0061 08 8276 5307 Mobile +0061 0458 158 777

ABN: 25 145 151 241



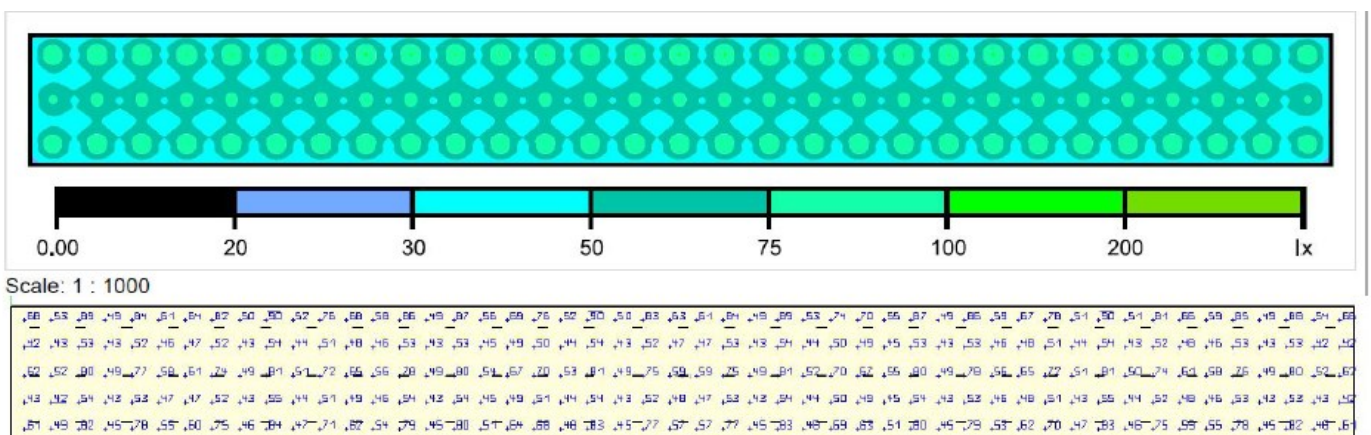
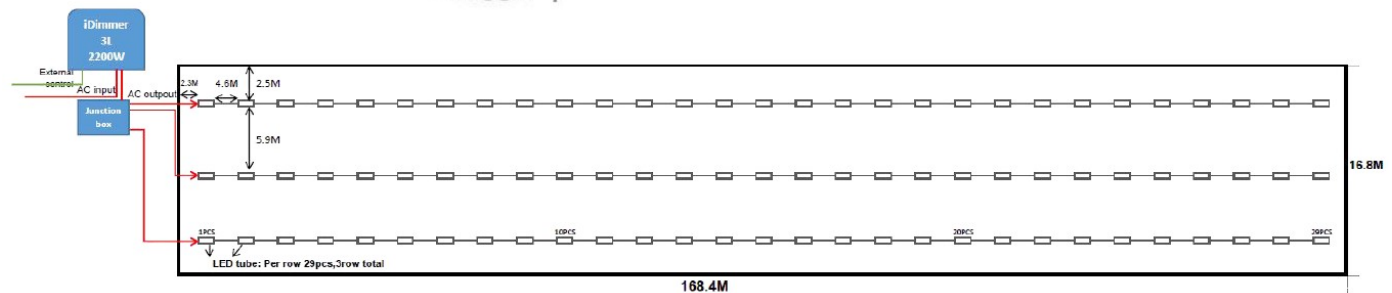
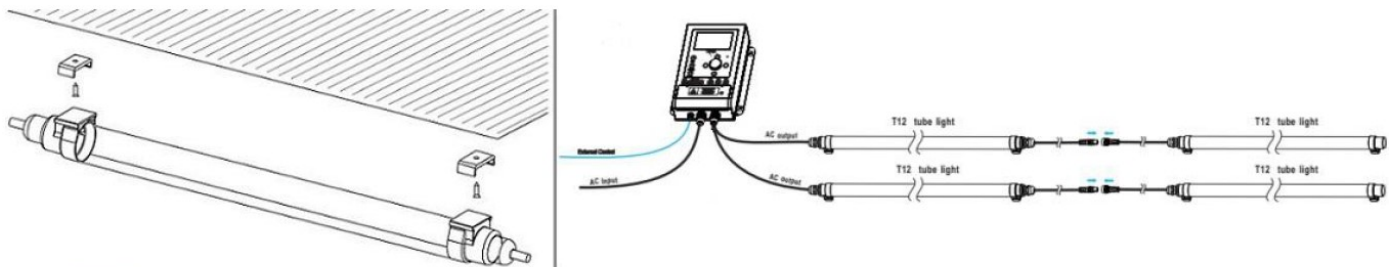
Suggested LED Lighting Design for a Broiler Chicken Shed

Required Products.

Products	Watts	Qty.	Price each AU\$	Total
Dimmable LED T8 Tube	18	87	\$66.50	\$5,785.50
Cable from tube to dimmer		3	\$35.00	\$105.00
iTimer 3.0 2,200 Watt Max	30	1	\$1,155.00	\$1,155.00
Total	1,596 Watts			\$7,045.50

Installation.

Easy install and connection reduced labour cost.



Scale: 1 : 1000

Lux at ground level. 80% 40-60 lux 10% 60-101 lux 10% 21-39 lux

Min lux 21 Max lux 101 Average lux 57.2

ECO INDUSTRIAL SUPPLIES

7 Oak Ave Clovelly Park South Australia 5042

Phone +0061 08 8276 5307 Mobile +0061 0458 158 777

ABN: 25 145 151 241



Suggested LED Lighting Design for a Broiler Chicken Shed

Colour Temperature

Suggested lighting for Broiler 5000-6000k helps fowl to gain more weight.

Red

Increases food intake & reduces feather pecking in chicks.

Blue

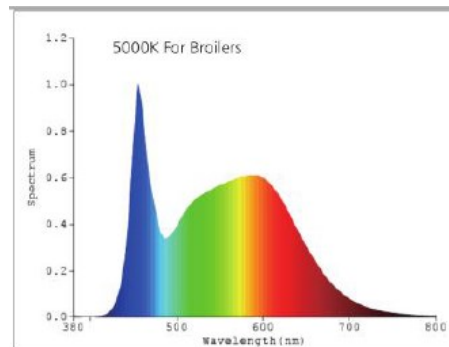
Decreases movement of fowl, makes them easier to catch and improves meat quality

Green

Improves growth rates at an early age by enhancing proliferation of skeletal muscle satellite cells.

2700k

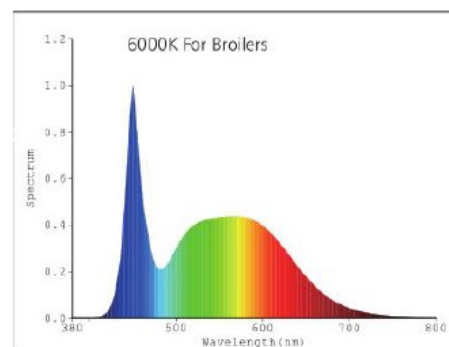
Ideal for layers with more red spectrum to help improve food intake, enhances egg production, activates movement and accelerates sexual maturity.



5000K Color Spectrum



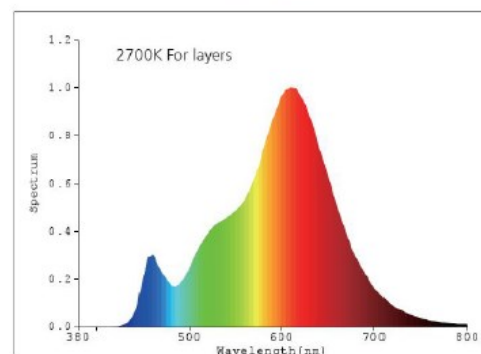
5000K Day Light Color



6000K Color Spectrum



6000K Cool Light Color



2700K Color Spectrum



2700K Warm White Color

ECO INDUSTRIAL SUPPLIES

7 Oak Ave Clovelly Park South Australia 5042

Phone +0061 08 8276 5307 Mobile +0061 0458 158 777

ABN: 25 145 151 241



Suggested LED Lighting Design for a Broiler Chicken Shed

Projects



Australia Chicken Farm

Farm Size: 148m*28m T12 LED Lights: 132pcs(3*44)



Australia Chicken Farm

Farm Size: 130m*15m T12 LED Lights: 96pcs(3*32)



Poland Chicken Farm

Farm Size: 120m*14m T8 LED Lights: 90pcs(3*30)



Ukraine Chicken Farm

Farm Size: 80m*12m T12 LED Lights: 96pcs(3*32)



Thailand Chicken Farm

Farm Size: 60m*16m Color Switchable LED Lights: 50pcs



Saudi Arabia Chicken Farm

Farm Size: 120m*80m T12 LED Lights: 680pcs



Netherlands Pig House

Farm Size: 127m*25m T12 LED Lights: 280pcs



Netherlands Mushroom

Farm Size: 120m*16m T12 LED Lights: 85pcs