

The background image shows the interior of a large, empty industrial building, likely a poultry processing plant. The ceiling is high and features a complex network of pipes, cables, and rows of hanging lights. Some lights are illuminated, casting a warm glow, while others are off. The floor is a smooth, light-colored concrete. The overall atmosphere is industrial and clean.

ROOT3

LIGHTING & ELECTRICAL

POULTRY LIGHTING

POLLUX

BENEFITS OF SPECTRAL TUNING

FOR POULTRY PERFORMANCE IN VARIOUS SCENARIOS

The Pollux allows you to maximise the output of your livestock whilst improving welfare and crop profit per kilo , reducing time to market or increasing weight to market per growing period.

Broilers

Colour	Benefits
Cool white	Broilers <2KG - Improved growth - Improved Feed Conversion Ratio
Warm white	Broilers >2KG: - Calmer birds - Fewer leg and wing problems - Improved chick quality
Blue	- Catching - Vaccinating - Makes the birds sit still
Red white	Reduce Sedentary behaviours

Parent Stock

Colour	Benefits
Warm white	- Improved sexual stimulation & egg-laying performances and hatchability - Lower activity
Blue	Makes the birds sit still
Red White	Less feather pecking
Red	As yet unknown benefits

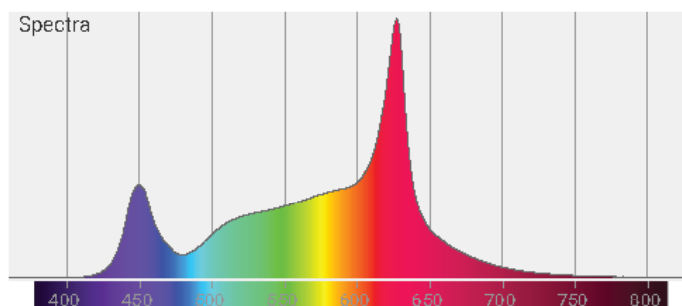
Rearing

Colour	Benefits
Cool white	Improved growth
Warm white	Lower activity
Blue	- Makes the birds sit still - Easy vaccinating
Red White	Less feather pecking
Red	Less feather pecking

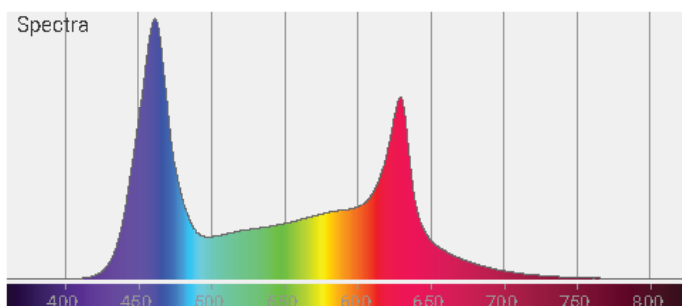
Laying Hens

Colour	Benefits
Warm white	- Improved stimulation & egg-laying performances - Reduced activity
Blue	- Makes the birds sit still - Vaccinating
Red White	- Less feather pecking - Stimulated egg production
Red	Less feather pecking

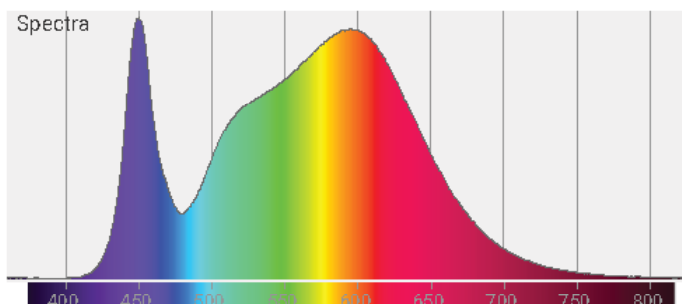
Spectrum



Red White Mix (optimum)



All Channels



Neutral White Channel