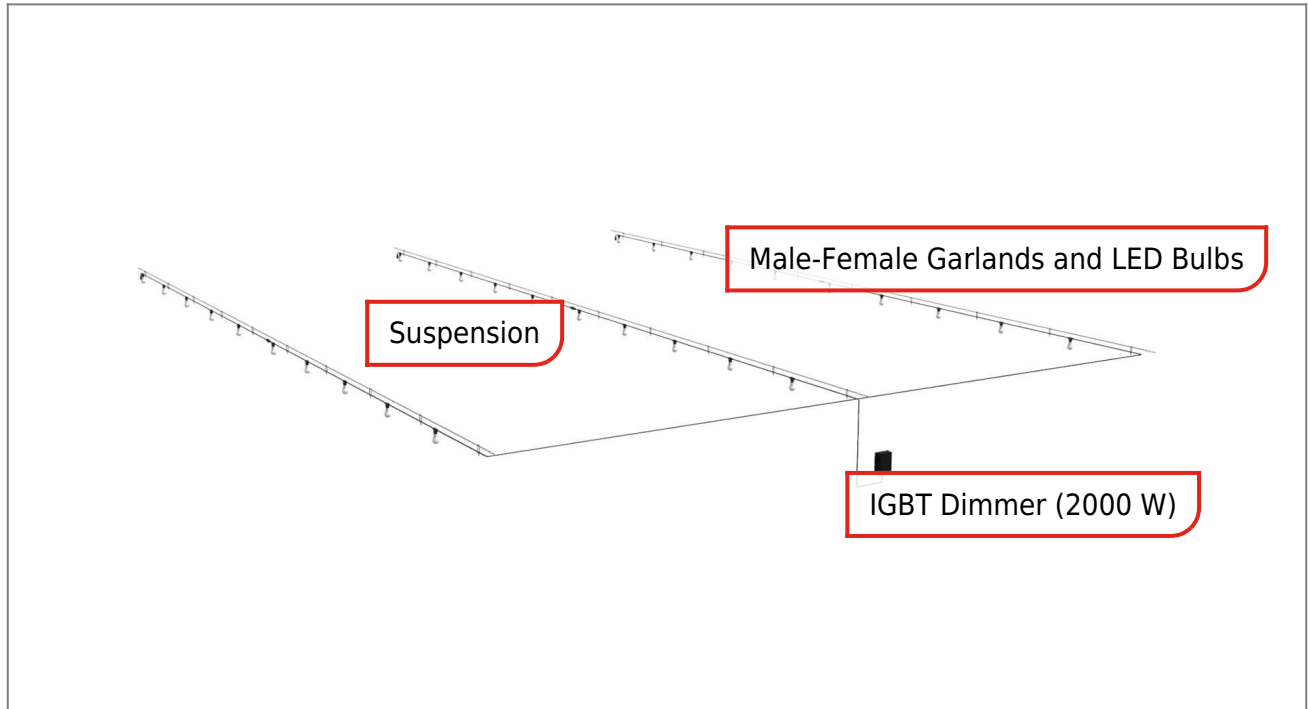


LIGHTING

<https://solutions.plassonlivestock.com/system/lighting/>



OVERVIEW

Plasson's lighting system, designed specifically for livestock applications, provides a complete solution for programming and controlling all lighting aspects of the house. The system is protected against damage from water, dust, humidity, and the harsh chicken house environment.



IGBT DIMMER (2000 W)

A 2-channel, 2000 W IGBT dimmer serves as a stand-alone controller which enables adjusting the lights to the required intensity. The dimmer can function manually, or as a “slave” should the user prefer to manage the lighting system via the house controller. The ability to adjust light intensity from 0% to 100% complies with the increasing demand for animal welfare and the need to mimic sunrise/sunset and natural light conditions.



MALE-FEMALE GARLANDS AND LED BULBS

LED bulbs designed for poultry applications, together with male-female garlands, offer quick and easy installation and handling.

1 Garlands

Light garlands of lengths 16, 36, and 40 meters are joined with male-female sockets to form any line length required. The short garland sections are light in weight, thus enabling easy installation and handling. The garlands are available with gaps of either 3 or 4 meters between the bulbs.

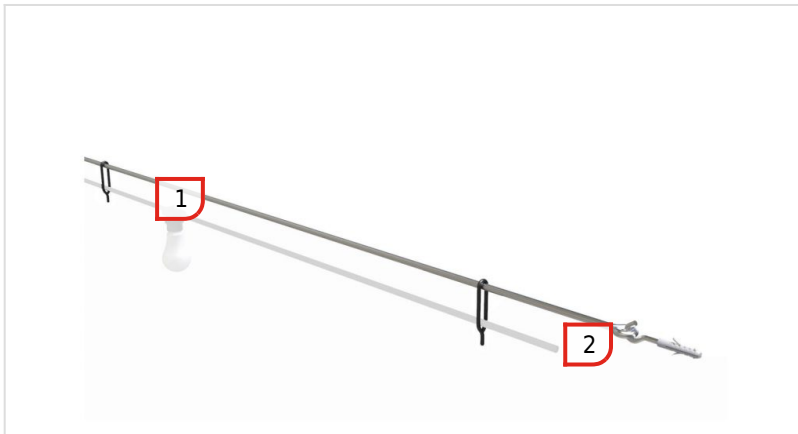
2 LED bulbs

LED bulbs with wide-beam angles ensure optimal light distribution. They produce a warm light color of 2700-3000K, thus creating comfortable illumination for the birds. This, along with the ability to achieve the precise floor lux level, creates the ideal conditions for bird performance. A rubber seal mounted between the bulb and the housing forms a perfect seal, thus allowing the system to be thoroughly washed with high pressure water.

3 End cap

Installed on each line end to ensure electrical connections are not exposed.

SUSPENSION



1 Cables and straps

Each lighting line is suspended to the house ceiling with 3 mm steel cables and plastic straps.

2 Screw anchor

Used to secure both ends of the cable to the chicken house side walls.
