



Feeding



Drinking



Climate



Housing

Plasson Bioled lighting Systems

January 2024

Lighting System Advantages

Smart lighting for livestock applications

Plasson advanced LED solutions provides industry-best efficiency and durability for programming and controlling all lighting aspects in the house

Groundbreaking technology, enable user-friendly and optimal lighting solutions based on specific requirements and conditions increases quality, reduces costs, and enhance profitability for growers

Modular, light tube solution for henhouses that directly connects either to IoT system or to the electricity network (AC or DC).

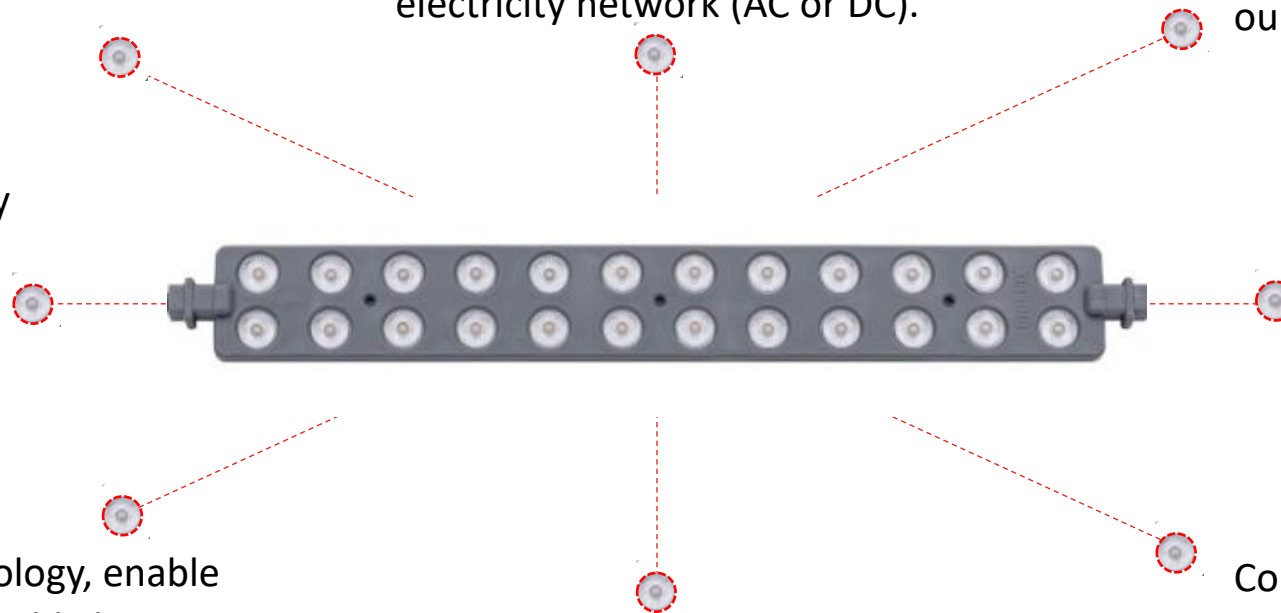
The system integrates with any standard henhouse control system and can be managed by our application.

Plasson IP67 lighting system is offering excellent efficiency and durability.

Connects up-to 150 luminaries

Wide range of spectrums, each customizable for specific growing conditions and requirements, to enable optimal lighting

3-year warranty



Lighting System components

Dimming Driver 1200 Watt



02387163

Feeds DC power to 12 Garlands

T connector



02387167

Connects to the driver at any point in garland

Garland



02387161

Includes 2 molded fast connectors, 10 molded lamps, length 40m

Female Connector



02387164

Connects the DC power cables from Driver to Garland

Replacement lamp



02387166

Replaces any lamp in the garland

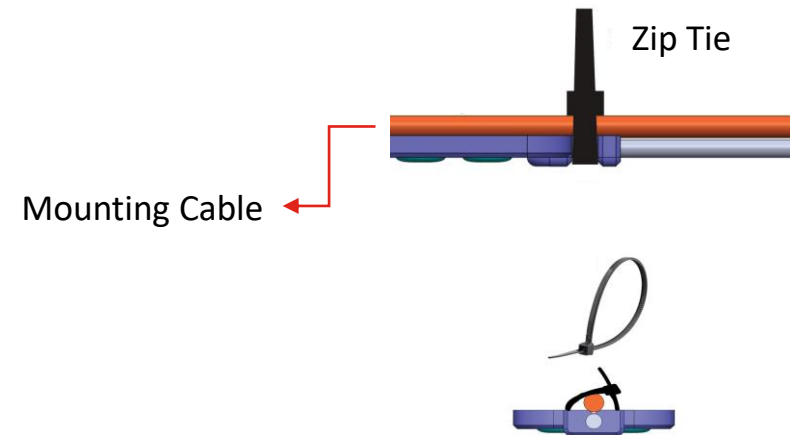
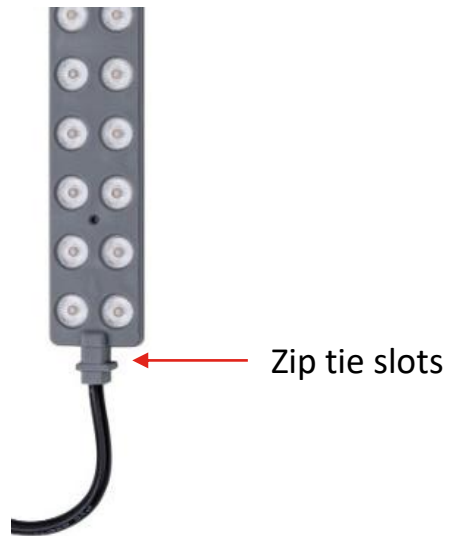
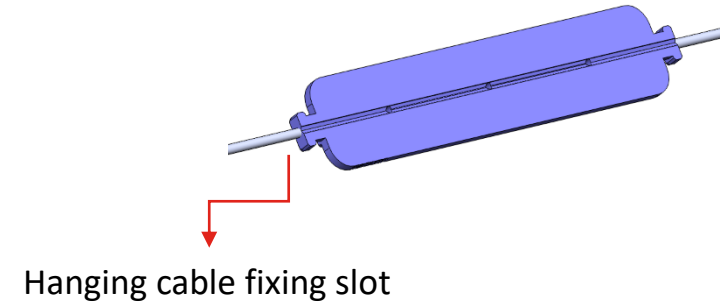
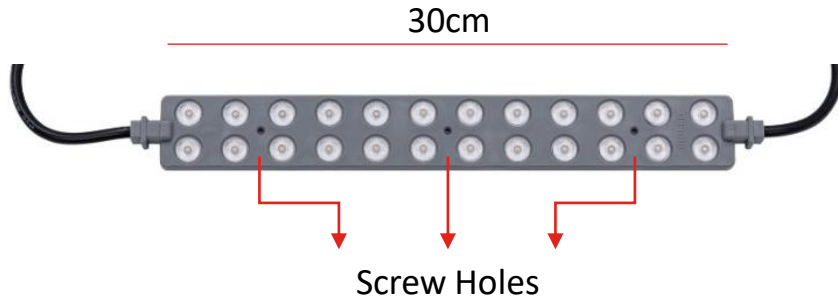
2 Way connector



02387165

Used to fix garlands

PLASSON Lighting System Mounting details



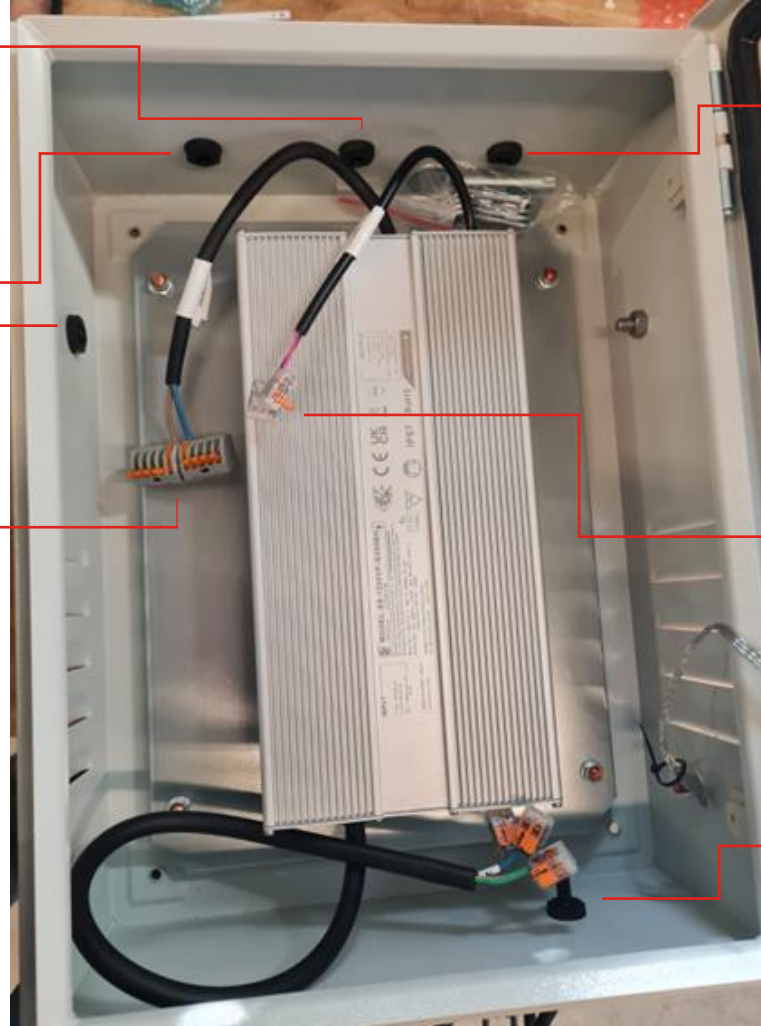
Dimming Driver Installation

Cable Gland for DC Power
out to Garland line No. 2
4 garlands +/- 400w

Cable Gland for DC Power
out to Garland line No. 1,
4 garlands +/- 400w

Cable gland for
Dimming control in

DC Power out
to all Garlands

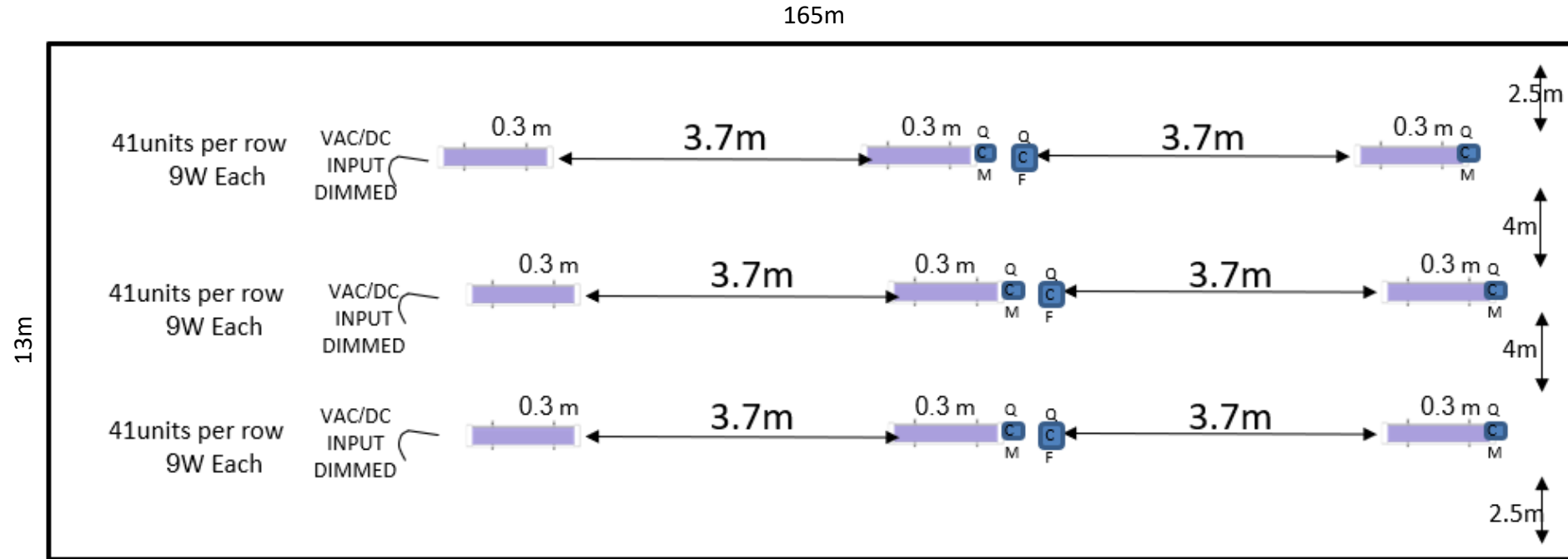


Cable Gland for DC Power
out to Garland line No. 3
4 garlands +/- 400w

Dimming control in
(0 to 10V or PWM)

AC Power in Plug
220V 6A

Light configuration for henhouse



Input Direct from AC
or from Dimmer or Driver

www.plassonlivestock.com