



**ALL**  
Agricultural LED Lighting

UK designed & manufactured

## LINK-LIGHT

ALL new plug and play LED Poultry Lighting System







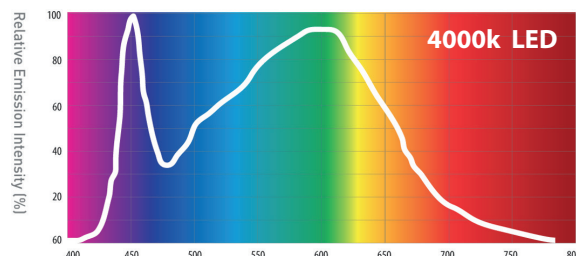
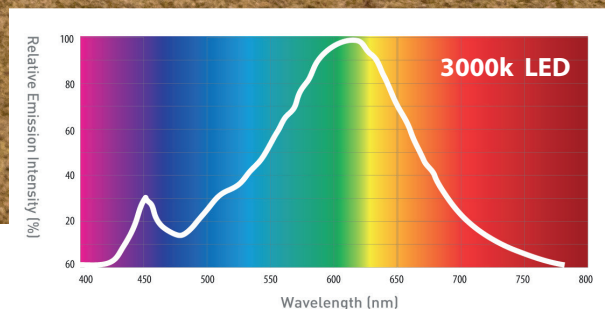
# ALL the advantages of new technology within a very simple and easy to fit plug-and-play lighting system

## Simple, Easy and Hassle Free



### Why use our system?

- Easy fit & hassle free
- Flicker free control system that has a proven track record within the UK poultry industry
- Low energy consumption, resulting in vastly reduced energy cost when compared to traditional lighting
- We only use recognised LED components, with a life expectancy of over 100,000+ hours
- Flexible programming with four Time/Light settings & full Dusk-to-Dawn control from 10 seconds up to 1hour
- Fully dimmable system: 0.1% to 100%  
Bright enough for cleaning & will dim down far enough to be used as catching lights
- 48v lighting system (low voltage)  
Mains 240v supply is required only to the main PSU Housing located in the control room
- Tough anti-corrosive body construction  
Water-tight IP67
- We offer friendly help and advice along with a lighting survey support if required



**ALL IN A DAYS WORK**



## Lighting unit

Height	212mm (with cable connections)
Cable Length	10ft (3m)
Diameter	Bulb 100mm
Weight	370g

### General info

- 9.6w / 1350 lumens at full power
- 48v supply (low voltage)
- 140 lumens per watt
- Colour spectrum 3000K warm white as standard \*4000K neutral white also available
- Tough body construction / metal body Polycarbonate opal lens
- Water-tight IP67

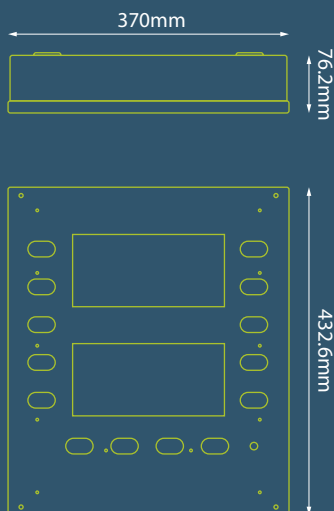
### Mounting guide & cable lengths (shed lighting lanes)

- Set cable lengths: 10ft (3m) as standard Other cable lengths available on request
- It's recommend that catenary wire is used to suspend the electrical cables & lights
- Maximum of 44 lights per lighting lane
- Maximum lighting lane lengths 410ft (125m)

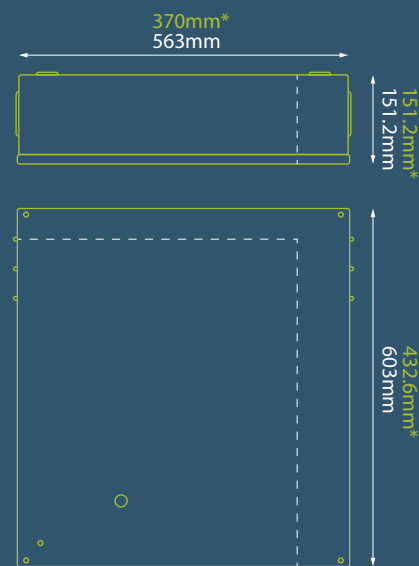
## Digital Control Panel & PSU Housing (Power Supply Housing)

- Wall mounted Digital Control Panel & PSU Housing
  - Easy to use digital control developed especially for the poultry industry
  - Programmable and manual control
  - 4 x light level programmes
  - Remote timer can be used (only one light level available with a remote timer)
  - Memory battery back-up
  - The number of lighting lanes & lights per lane needs to be specified at time of order
  - 48v lighting system (low voltage)
  - Mains 240v supply is required only to the PSU Housing
- \* Please consult the installation guide available on request

### Digital Control Panel



### PSU Housing (regular size)



\*Small PSU dimensions

## Installation kit guide

### Link-Lights

Lights are supplied with pre-fitted plugs to link to the below cables

### Link-Cables (lights)

10ft set cable lengths with pre-fitted link plugs (other lengths available on request)

### Connection Boxes

For start and end of lighting lanes

### Link-Cable (control room)

Cable from control room PSU Housing to the start of lighting lanes (4 core / 1.5mm)

### Digital Control Panel

This unit links to the PSU Housing (link wire is provided)

### PSU Housing

Mains 240/230v supply is to be connected to this unit

### Accessories: (optional from us)

Catenary wire and ancillaries – see overleaf for ordering codes





## Ordering Codes

### Lights & Lighting Lane Cabling

	Product	General Info	Note
PRODUCT CODE	AL003	<b>9.6w LINK-LIGHT</b> (full power) 3000K - Warm white	<b>3000K - Standard unit</b> Supplied with easy fit Link-Light water tight connection plug
	AL004	<b>9.6w LINK-LIGHT</b> (full power) 4000K - Neutral white	<b>4000K - Available to order on request</b> Supplied with easy fit LINK-Light water-tight connection plug
	AL050	<b>LINK-CABLE</b> 3m / 10ft set-lengths	<b>Link cables "light-to-light" – product forms part of kit and must be supplied</b> Supplied with water-tight connection plugs / other set lengths available on request
	AL055	<b>START</b> of lane connection box	<b>Water-tight cable junction-box / connection box</b> 1x required at start of each lighting lane
	AL056	<b>END</b> of lane termination box	<b>Water-tight cable junction-box / lane termination</b> 1x required at end of each lighting lane
	AL057	<b>CABLE only</b> 50m cable (4 core / 1.5mm)	<b>Control room-to-lighting lane start</b> *You can opt to supply your own cable/flex (4 x core / 1.5mm)

**Important installation & safety notes:**  
48v lighting system – Do not connect lighting units directly to mains (lights will only operate when the control panel is fully installed)  
Always consult our instruction leaflet (available on request) and use only appropriately qualified installation engineers

### Control Panel & PSU Housing

\*AL020 Digital control panel & 1 x PSU Housing required per installation/shed

	Control Panel	PSU Housing	Description	Note
			Lighting lanes Max - quantity of Lights per lane	PSU Housing is tailored to best suit the shed requirements Power Supply options: 240w-48v & 480w-48v
PRODUCT CODE	AL020	AL030	2 Lighting lanes (44 per lane)	<b>Maximum 44 x Lights per Lighting lane</b> 1 x Digital control panel / 1 x PSU Housing
	AL020	AL031	2 Lighting lanes (22 per lane)	<b>Maximum 22 x Lights per Lighting lane</b> 1 x Digital control panel / 1 x PSU Housing
	AL020	AL032	3 Lighting lanes (44 per lane)	<b>Maximum 44 x Lights per Lighting lane</b> 1 x Digital Control panel / 1 x PSU Housing
	AL020	AL033	3 Lighting lanes (22 per lane)	<b>Maximum 22 x Lights per Lighting lane</b> 1 x Digital control panel / 1 x PSU Housing
	AL020	AL034	4 Lighting lanes (44 per lane)	<b>Maximum 44 x Lights per Lighting lane</b> 1 x Digital Control panel / 1 x PSU Housing
	AL020	AL035	4 Lighting lanes (22 per lane)	<b>Maximum 22 x Lights per Lighting lane</b> 1 x Digital control panel / 1 x PSU Housing
	AL020	AL036	6 Lighting lanes (44 per lane)	<b>Maximum 44 x Lights per Lighting lane</b> 1 x Digital control panel / 2 x PSU Housings
	AL020	AL037	6 Lighting lanes (22 per lane)	<b>Maximum 22 x Lights per Lighting lane</b> 1 x Digital control panel and 1 x PSU Housing

**Standard install:**  
Link cables for this system must be purchased with the lights and form part of the installation-kit required (4 core / 1.5mm cable)  
Maximum recommended shed lighting lane length  
(individual lighting lane: 410ft - 125m)

### Mounting accessories / Catenary wire & ancillaries (optional from us)

	Product	Note
PRODUCT CODE	AL060	Catenary wire (reel) 100m reel / 2mm wire / galvanised steel / full reel only
	AL061	Wall plate Bolts directly to wall (fixing screws not provided)
	AL062	Wire rope grip Securing & fixing the wire
	AL063	Thimble Wire protector
	AL064	Turnbuckle Wire rope tensioning

**Note:** Recommended that the lights be tie-wrapped to the catenary wire for ease of installion (tie-wrap's and general fixings are not supplied)

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