



ALIST™ Barn Lamp wide beam (ALS0003)



ALIST™ patented inductive power

ALIST™ Barn Lamps (wide and narrow beam) increase productivity, improve animal welfare and reduce operational costs in precision livestock farming.



Warranty valid from date of manufacture.

Our certifications and approvals



Invest once and trust

Accelerated tests have shown the design life of ALIST™ Barn Lamps to last ten years. Certified for Rough Service, IP66, UL, CSA, CE and CB. Guaranteed for three years (valid from date of manufacture) where high-pressure wash-down and chemical disinfection are regularly applied.

ALIST™ Barn Lamp's electronics provides high reliability with a Mean Time Between Failure (MTBF) of 100,000 hrs. Designed to operate at an ambient temperature of up to +40°C the LED lumen depreciation tests confirm 80% light output after 90,000 hours (L80B20) using L80 and TM21 standards.



Lighting livestock will love

Independent scientific trials have shown reductions in mortality, hock and foot pad sores with improvements in litter quality, mobility and perching.

Developed for livestock vision, not humans. LEDs are selected to optimise performance against the domestic fowl photopic response.

ALIST™ inductive power provides constant current with low to zero photometric flicker eliminating stress-inducing strobe effects.



Save shedloads

ALIST™ inductive power means installation can be completed in one day.

In comparison to legacy lighting systems, such as CFL and fluorescent, ALIST™ yields energy savings between 50% and 90%.

Energy aside, commercial trials prove ALIST™ lamps impact positively on many fronts, such as, improvements in growth and reductions in Feed Conversion Ratio (FCR).

Try our ROI calculator at www.greengage.global to discover compounding effect of all the incremental improvements ALIST™ delivers.

ALIST™ Barn wide and narrow beam are suitable for egg layers, breeders, broilers, poultry, swine and cattle.



ALIS™ Barn Lamp wide and narrow beam lighting specifications

Product code	Lumen output	Rated lamp life	Lumen maintenance L80B50	Beam angle	Rated Wattage	Efficacy	Correlated Colour Temperature	CRI*
ALS0003 (Wide)	1100 lm	100K hours	L80B50	160°	10W	110 lm/W	3100K	83
ALS0001 (Narrow)	1000 lm	100K hours	L80B50	130°	10W	100 lm/W	3100K	83
ALS0017 (Blue)	150 lm	100K hours	L80B50	175°	10W	15 lm/W	N/A**	N/A**

*Colour Rendering Index. **455nm nominal wavelength.

ALIS™ Barn Lamp specifications

Fully Dimmable (1% to 100%)	Yes
Lamp (MTBF)	100,000 hrs
Material for coupler	Polypropylene
Material for heat sink	Anodised Aluminium
Material for lens	Polycarbonate
Only for use with ALIS™ power supply	Yes
Operating frequency (input voltage)	CE (230V 50Hz AC) UL (110V 60Hz AC)
Power Factor	>0.95
Weight – A: wide & blue. B: narrow	A: 440g / B: 430g

Environmental specifications

Approvals	CE, UL and CSA certified
Certified rough luminaire	Yes
Chemical compatibility	Agricultural cleaning agents
Humidity range	0 to 95%
Ingress protection	IP66
Operating temperature	-40°C to +55°C
Production types	Poultry, pig, cattle & more
Warranty	3 years

Physical dimensions



Length and depth



Width (heat sink diameter)

Wide/Blue	MM	Inches
Length	140	5.4"
Depth	110	4.5"
Width	90	3.5"
Narrow	MM	Inches
Length	140	5.4"
Depth	100	4.0"
Width	90	3.5"

Dawn till Dusk Controllers



Digital DTD Controller
V1.4 Model No: ALS0008
V1.7 Model No: ALS0009



Analogue DTD
Controller
Model No: ALS0005

ALIS™ Blue Lamp for poultry catching



ALIS™ Blue Lamp
Model No: ALS0017

ALIS™ Blue Lamp creates calming conditions in poultry sheds for the catching phase.

Specifications can be subject to change.

GGL-March2018