

Next Gen Illumination

Proven Performance.

Patented Technology.

Increased Profit.



Industrial Grade



- Patented AC Dimming Technology
- RAPID Return On Investment
- Full Range Dimming
- 3 Year Warranty
- ASABE Compliant
- Engineered Spectral Output
- 90+ Power Factor
- 35,000 Hour Life Expectancy
- 10W & 12W Versions Available
- Eliminate Disposal Costs
- Recyclable Product*

PRODUCT	WATTAGE	VOLTS	LUMENS*	OPTICS	COLOR	LIFE
AG-PL30-35K	10 WATTS	100-130 VAC	402	120°	3500K	7-9 YEARS
AG-PLI30-35K	10 WATTS	220-240 VAC	402	120°	3500K	7-9 YEARS



POULTRY
LED
by
Next Gen Illumination, Inc.

For sales or distribution inquiries, please contact our office:

700 W. Research Center Blvd. Suite 1000 | Fayetteville, AR 72701

Office: 479.521.1177 | Fax: 479.966.4052

Or Email Us At: sales@poultryled.com

www.PoultryLED.com | www.NextGenIllumination.com

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Technology:

PL30 lamps have been engineered to meet the American Society of Agricultural and Biological Science (ASABE) standards for broiler house operations. The patented dimming technology of Next Gen Illumination, Inc. allows the PL30 to take advantage of NGI's life extension technology. This allows PL30 lamps when dimmed on approved technologies to both extend the life expectancy of the lamps and reduce energy consumption.

Installation:

Typical lighting configuration is 10' from walls with 15-20' spacing between feeder lights. Brood lighting density levels require additional fixtures in brooding areas to achieve 10' spacing between fixtures. Mounting heights are based on 10' above floor level. Higher mounting may require additional fixtures with reduced spacing to achieve required light levels. The standard lamp replacement uses standard light sockets for operation. The PL30 lamps are designed for typical broiler house operations.

Dimmer Notes:

Existing dimmers are designed to recognize linear resistance loads. For dimmer recognition of PL30 loads, a single incandescent light must be on each dimmed circuit.

Recommended Dimming Technologies:

Rheostat or resistance dimmers
Electronic Low Voltage or ELV dimmers
IGBT dimmers.

Compatible dimmers:

Triac or SCR dimmers

Precautions:

PL30 lamps are water resistant from humidity and washdown processes. PL30 lamps are not waterproof and should not be submerged or be directly sprayed with high pressure water jets. Failure to follow recommendations and/or precautions can result in voided warranties, lumen depreciation, lamp damage and/or failure.

Warranty:

PL30 have a conditional warranty which covers a 3 year period from date of purchase. For claims and returns, please contact your supplier for any covered replacement within the warranty period.

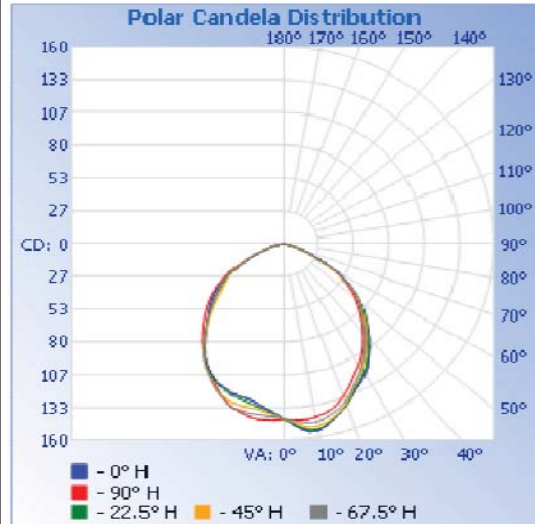
Warranties do not cover items which have been misused, modified or disassembled.

*Recycling:

Next Gen Illumination, Inc. will recycle the PL30 lamps. For information on our recycling program, visit www.poultryled.com, for the most up to date information.

* Luminous flux is calculated as cold lumens.

Patent No. 7,902,761.



Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7ft	51.30 fc	3.7ft	3.6ft
3.3ft	12.83 fc	7.4ft	7.3ft
5.0ft	5.70 fc	11.2ft	10.9ft
6.7ft	3.21 fc	14.9ft	14.6ft
8.3ft	2.05 fc	18.6ft	18.2ft
10.0ft	1.43 fc	22.3ft	21.8ft

■ Vert. Spread: 96.2° ■ Horiz. Spread: 95.1°



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