

**IDEAL FOR USE IN AGRICULTURAL BUILDINGS, WORKSHOPS, STADIUMS,
EXHIBITION HALLS, SUPERMARKETS AND WAREHOUSES**



HBLED-PH100W5000
HBLED-PH150W5000



HBLED-PH150W5000-347
HBLED-PH200W5000-347



FEATURES

- High Efficiency – 125 lumens per watt
- IP66 Hollow Design with Dust Cover
- Meanwell HBG Driver
- Magnesium Alloy Heat Sink

HBLED-PH100W5000 & HBLED-PH150W5000

- Universal Power Input – 90-305VAC

HBLED-PH150W5000-347 & HBLED-PH200W5000-347

- Power Input – 3 phase 347VAC power input required



DIMMABLE

SPECIFICATIONS

MODEL	WATTAGE	VOLTAGE	LUMENS	CCT (K)	BEAM ANGLE
HBLED-PH100W5000	100W	90-305V	12500	5000K	120°
HBLED-PH150W5000	150W	90-305V	18750	5000K	120°
HBLED-PH150W5000-347	150W	347V	18750	5000K	120°
HBLED-PH200W5000-347	200W	347V	25000	5000K	120°

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**IDEAL FOR USE IN PARKING GARAGES, WAREHOUSES,
FACTORIES, WORKSHOPS, CAR WASHES, FREEZERS
AND AGRICULTURAL SETTINGS**

**LP848220-DB5K
LP848230-DB5K**

FEATURES

- This unit is designed to replace traditional fluorescent T5 and T8 fixtures.
- IP66 rating
- **Material:** PC housing, stainless steel clips, silicon perimeter gasket, aluminum heatsink, PC lens, Isolated LED driver
- Aluminum heatsink and iron surrounded LED driver for maximum heat dissipation, prolonging the fixture lifespan.
- NEMA 4X Certification

NEMA 4X

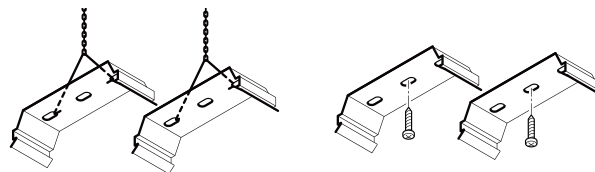
SPECIFICATIONS

MODEL	WATTAGE	VOLTAGE	LUMENS	HOURS	CCT (K)
LP848220-DB5K	40W	100-277V	4200	50,000	5000K
LP848230-DB5K	60W	100-277V	6600	50,000	5000K



MOUNTING OPTIONS

Stainless steel mounting clips included for both hanging or surface mount.



ELECTRICAL CONTROL

Input voltage: AC100-277v
Frequency: 50-60Hz
Power Factor: >0.95
Harmonic Distortion: THD<13%

PLASTIC END CAPS



Includes plastic end cap for watertight seal to wire connection.

REPLACEABLE LED STRIPS



Easily accessible for maintenance and to change the color Temp as required.

EPISTAR SMD2835 CHIPS



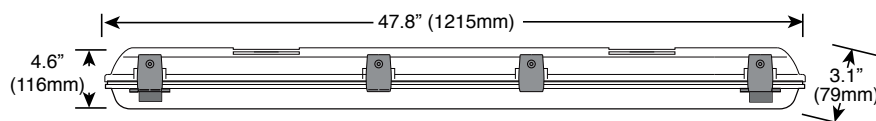
Superior lumens output, energy saving.

ADJUSTABLE THREE MOUNTING POINTS



Adjustable mounting areas can meet different mounting length requirements.

DIMENSIONS



EMAIL US

Email us @ agsales@canarm.ca to receive free Lighting Design Expertise or a free Power Savings Workbook.





IDEAL FOR USE IN FACILITIES WHERE A 3000K DIMMABLE LIGHT IS REQUIRED.

LP848210-DB3K

FEATURES

- This unit is designed to replace traditional fluorescent T5 and T8 fixtures.
- IP66 rating
- **Material:** PC housing, stainless steel clips, silicon perimeter gasket, aluminum heatsink, PC lens, Isolated LED driver
- Aluminum heatsink and iron surrounded LED driver for maximum heat dissipation, prolonging the fixture lifespan.
- NEMA 4X Certification

SPECIFICATIONS

MODEL	WATTAGE	VOLTAGE	LUMENS	HOURS	CCT (K)
LP848210-DB3K	20W	230V	2100	50,000	3000K

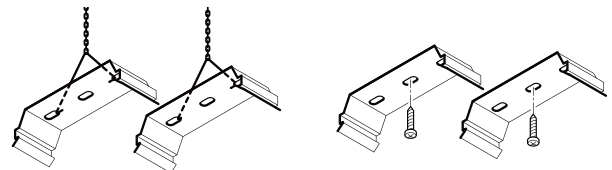


ELECTRICAL CONTROL

Input voltage: AC230V
Frequency: 50-60Hz
Power Factor: >0.95
Harmonic Distortion: THD<13%

MOUNTING OPTIONS

Stainless steel mounting clips included for both hanging or surface mount.



PLASTIC END CAPS



Includes plastic end cap for watertight seal to wire connection.

REPLACEABLE LED STRIPS



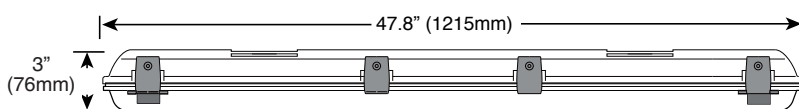
Easily accessible for maintenance and to change the color Temp as required.

ADJUSTABLE TWO MOUNTING POINTS



Adjustable mounting areas can meet different mounting length requirements.

DIMENSIONS



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Ideal for all of your Agricultural applications.

LED Bulbs are quality, long lasting lights that are efficient, durable and environmentally friendly. Their longevity saves you a lot of maintenance time on top of the efficiency benefits that you will see on your monthly electricity bills. In addition, Canarm LED bulbs work well with all electronic lighting controls and are moisture resistant, making them ideal choices for wet, humid environments.



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Workbook.



Omni A19 Warm White Bulbs

GENERATION	B-LED26S8A06W-D 8	B-LED26S8A10W-D 8
BULB STYLE	Omni A19	Omni A19
LIGHT OUTPUT	480 Lumens	800 Lumens
COLOR TEMPERATURE	3000K Soft White	3000K Soft White
ENERGY USED	6 Watts	9.5 Watts
MIN. STARTING TEMP.	-40°C	-40°C
AVG. RATED LIFE	25,000 Hours	25,000 Hours
BEAM ANGLE	300°	300°
DIMMABLE	Yes	Yes
ENERGY STAR	Yes	Yes



A21

A19

Omni A19 & A21 Cool White LED Bulbs

GENERATION	B-LED26S8A10W-DW 8	B-LED26S8A16W-DW 8
BULB STYLE	Omni A19	Omni A21
LIGHT OUTPUT	800 Lumens	1600 Lumens
COLOR TEMPERATURE	5000K Cool White	5000K Cool White
ENERGY USED	9.5 Watts	16 Watts
MIN. STARTING TEMP.	-40°C	-40°C
AVG. RATED LIFE	25,000 Hours	25,000 Hours
BEAM ANGLE	300°	300°
DIMMABLE	Yes	Yes
ENERGY STAR	Yes	Yes

DAIRY LIGHTING



In many dairy facilities, barn lighting may be left on 24 hours a day, 7 days a week, so you need energy effective, long lasting bulbs to save you time and money. Canarm's new LED bulbs also qualify for shatterproof requirements in dairy milk-house applications for increased safety. For ideal light - use 5000K bulbs.

SWINE LIGHTING



Different swine production facilities require different light levels. Whether you're building a new barn or updating an older one, you can actually increase the lighting levels in your facility while reducing maintenance required and decreasing energy costs. For large areas like aiseways and farrowing rooms which require multiple lights, consider our new energy efficient bulbs. For ideal light - use 5000K bulbs.

POULTRY LIGHTING



Light levels and duration can affect bird behaviour, appetite, reproductive and egg production cycles and growth rates. Proper lighting has the ability to calm birds and helps them gain weight and be more overall productive. To achieve these different light levels, consider lighting programs with dimmable LED bulbs to provide optimum growth conditions for poultry. For ideal light - use 3000K dimmable bulbs.

FLICKER FREE LED LIGHT DIMMER



PRECISE AND EASY MANAGEMENT OF YOUR POULTRY HOUSE LIGHTING FLICKER FREE | ENERGY EFFICIENT | EASY TO PROGRAM

BENEFITS

- **FLICKER FREE lighting**
 - Calmer, healthier birds
 - **FLICKER FREE** even for your chickens
 - Truly smooth dusk to dawn transition
- **Precision control**
 - Designed to allow you to control and adjust the light duration and intensity from 0 to 100%
 - Extreme low light dimming. Encourages hens to return to the nest in cage free and enriched cage environments
- **Programmable**
 - Program up to 20 light periods AND up to 20 light peaks per period
- User friendly interface and menus
- Superior stability
- Master can be used as a slave to allow for outputs to be configured independently
- Energy Efficiency of 99.5%




FEATURES

- Gradual increase and decrease in light intensity to simulate sunrise and sunset
- Minimum and maximum intensities can be specified as a percentage of full lamp intensity
- Real-time clock with backup battery to keep time in case of power failure
- Electronic bypass switches
- Displays current light intensity (in all models)
- Displays current time, day and period (master only)
- Controller will smooth sudden transitions in light intensity
- Temporary manual override feature reverts back to auto after a set time as a safety
- Lamp output activated by a customizable threshold value

TECHNICAL DATA

POWER	
Voltage and operating frequency	85-145VAC, 50-60 Hz
INPUTS	
Analog input, AI1 & AI2	0-10VDC
OUTPUTS	
Variable output (A and B)	1000 W per output
Analog outputs AI1 & AI2 (in master mode)	0-10 VDC, source, maximum load: 10 mA



Successfully tested on dozens of different brands of bulbs/lighting. The **FLICKER FREE** LED Light Dimmer control has yet to come across a brand it can't dim from 0 to 100%!



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www.canarm.com

agsales@canarm.ca

Suitable for greenhouses, barns, garages, sheds, workshops, livestock buildings & more!
All metal construction.



LED-SL18BK-C

LED Security Lights

Black Finish
18 Watts 1500 Lumens
3100K
Features a Photocell Sensor, Dusk-til-dawn



BL14CWS-0

14" Ceiling / Wall Mount Light

Includes Glass Shield to cover bulb
For wet locations
8 1/4"H x 14 3/8"W x 18 3/4"D
Rod Length - 9 1/2"
Maximum 1 x 100W A19 type bulb



BL14CW-0

14" Ceiling / Wall Mount Light

For wet locations
8 1/4"H x 14 3/8"W x 18 3/4"D
Rod Length - 9 1/2"
Maximum 1 x 300W E26 type bulb



BL12RT

Retrofit 12" Ceiling Light

3 1/2"H x 12"W
Maximum 1 x 200W E26 type bulb



BL04CWG

Ceiling / Wall Mount Light

Clear Glass With Metal Guard
7 1/4"H x 4 1/2"W
Maximum 1 x 100W A19 type bulb



BL14CL

14" Suspended Ceiling Mount Light

8' long heavy duty cord for hanging
9 1/2"H x 14 3/4"W
Maximum 1 x 300W E26 type bulb

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CANARM[®]

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PUTTING INNOVATION TO WORK

LIGHTING LAYOUTS *and* DESIGN SERVICE

Ensure you get the right lighting products into any building to meet your customers needs.

We use a Professional Sales & Presentation Tool to create a 3D Rendering of building with visuals of the lighting products installed.

We will also provide a detailed report with lighting graphs and total project wattage usage.

