

LED HIGH BAY LIGHT

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
- IP65 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.
- IP65 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.

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

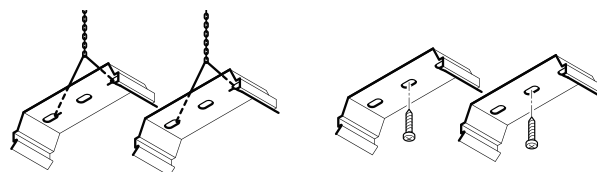
ELECTRICAL CONTROL

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



MOUNTING OPTIONS

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

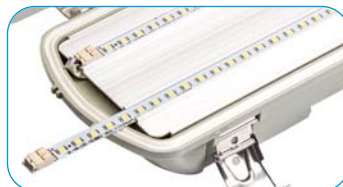


PLASTIC END CAPS



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.

EPISTAR SMD2835 CHIPS



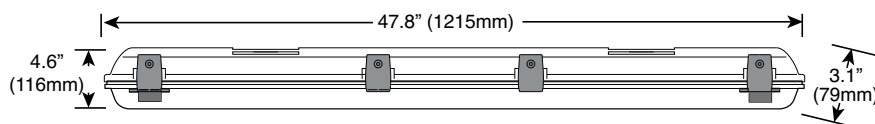
Superior lumens output, energy saving.

ADJUSTABLE THREE MOUNTING POINTS



Adjustable mounting areas can meet different mounting length requirements.

DIMENSIONS



EMAIL US

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



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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.



(EXCEPT B-LED26S410W-NW)

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



Omni A19 Warm White Bulbs

GENERATION	B-LED26S7A06W-D 7	B-LED26S7A10W-D 7
BULB STYLE	Omni A19	Omni A19
LIGHT OUTPUT	450 Lumens	850 Lumens
COLOR TEMPERATURE	3000K Soft White	3000K Soft White
ENERGY USED	5.5 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-LED26S4A10W-NW 4	B-LED26S5A13W-DW 5	B-LED26S5A15W-DW 5
BULB STYLE	Eco A19	Omni A21	Omni A21
LIGHT OUTPUT	850 Lumens	1100 Lumens	1700 Lumens
COLOR TEMPERATURE	5000K Cool White	5000K Cool White	5000K Cool White
ENERGY USED	9.5 Watts	13 Watts	15.5 Watts
MIN. STARTING TEMP.	-40°C	-40°C	-40°C
AVG. RATED LIFE	25,000 Hours	25,000 Hours	25,000 Hours
BEAM ANGLE	220°	300°	300°
DIMMABLE	No	Yes	Yes
ENERGY STAR	No	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.

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SOLO

PROGRAMMABLE LIGHTING CONTROL



EASY TO USE AND TO PROGRAM | HIGH QUALITY, USER-FRIENDLY DESIGN
COST EFFECTIVE | EASY TO INSTALL



Status-indicator lights

Easy-to-use
function keys

Clear LCD display
with backlight

Electronic Bypass
switches



The Solo Programmable Lighting Control units are designed to let users automatically control and adjust the light duration and intensity over the birds' life cycle. Users can easily define light program sequences in order to control light intensity. Define up to 20 different periods during a single production cycle and for each period, up to 12 dusk-to-dawn sequences and 20 light peaks.

FEATURES

- Gradual increase and decrease in light intensity to simulate sunrise and sunset
- Minimum and maximum intensities specified as a percentage of full lamp intensity
- Display of current time, day, light intensity and period
- Minimum-inertia method used to smooth sudden transitions in light intensity
- Lamp output activated above or below a threshold value
- Alarm contact (NO/NC) in case of power failure or fault in operation
- Real-time clock with backup battery to keep time in case of power failure
- Electronic bypass switches
- Can be connected to two lighting remote-control units (low power dimmers)



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SOLO

PROGRAMMABLE LIGHTING CONTROL



MODELS

FEATURES	MASTER UNITS			EXTENSION UNITS		
	LCL-0.2	LC-2.0	LC-0.2	LEL-0.2	LE-2.0	LE-0.2
Number of relay outputs (Stop/Start)	0	2	0	0	2	0
Number of variable outputs (TRIAC)	2	0	2	2	0	2
Alarm relay	1	1	1	⊘	⊘	⊘
Electronic bypass switches ¹	✓	✓	✓	✓	✓	✓
Water-usage monitoring ²	✓	✓	✓	⊘	⊘	⊘
RS-485 network port	✓	✓	✓	⊘	⊘	⊘
Can be remotely controlled with 0-10 VDC	✓	✓	✓	✓	✓	✓
Note	- LC and LE models are for incandescent lighting - LCL and LEL models are for LED lighting					

(1) Manual Mode option lets you control light intensity manually. In Auto Mode Option, light intensity is automatically adjusted by main controller.

(2) Up to 2 water meters can be monitored. Optional water meter required.

TECHNICAL DATA

INPUTS/OUTPUTS

INPUTS		
Analog Inputs	4-20mA or 0-5VDC	
Digital Inputs	Pulse width > 10 ms	
OUTPUTS		
Alarm Relay	SPDT (1 Form C) 3A @ 24 VDC (resistive) 3A @ 240 VAC (resistive)	
Relay Output	SPST (1 Form A) 10A @ 24 VDC (resistive) 10A @ 240 VAC (resistive) 1 HP @ 120 VAC(inductive) 5 HP @ 240 VAC (inductive)	
TRIAC Variable Output	For LCL and LEL models 10 A (resistive) 2400 W @ 240 VAC 1200 W @ 120 VAC	For LC and LE models 15 A (resistive) 3600 W @ 240 VAC 1800 W @ 120 VAC
Analog Output	0-10VDC, sink Maximum load: 1mA	

DIMENSIONS

MODEL	DIMENSIONS
All Models	8.7"W x 10.6"H x 5.5"D

POWER SUPPLY

POWER SUPPLY	MAIN SUPPLY/FREQUENCY
Main line voltage & frequency	85-250V, 50/60 Hz
Main fuse	1A-250VAC, fast acting (5x20 mm)

NETWORK COMMUNICATION

PROTOCOL	INTERFACE
Modbus	RS-485

Main models to extension model connection

Connection between main models to extension models is done through the power bus.

The extension model input = 0-10VDC, source, Maximum load: 30mA



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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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IDEAL FOR USE IN ENVIRONMENTS WHERE HUMIDITY OR MOISTURE IS PRESENT



**NOW
AVAILABLE**

THIS FIXTURE NOW HAS
AN LED VERSION AVAILABLE

PART NUMBER
LP848218-D



50" 2 LIGHT FLUORESCENT FIXTURE EFP848232-D

FEATURES

- Grey ABS plastic housing with clear poly carbonate lens
- Dust resistant
- Durable contoured lens
- Damp location listed
- Requires 2 x F32W type T8 bulbs
- FCC approved electronic ballast



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