

RetroFlex LED Drivers for Type A LED Lamps

VEL60BN-4C-10V

Constant Current Dimmable



Descriptions:

The RetroFlex LED drivers work direct with Type A LED lamps to turn it to a type C system. It replaces the outdated fluorescent ballast and maximize the efficiency of LED lamps. With exact same footprint and color coded leads, it is a simple one-to-one replacement. With dimmability, it is future-proof product to convert a fluorescent system fully to LED.

VEL60BN-4C-10V

Features & Benefits:

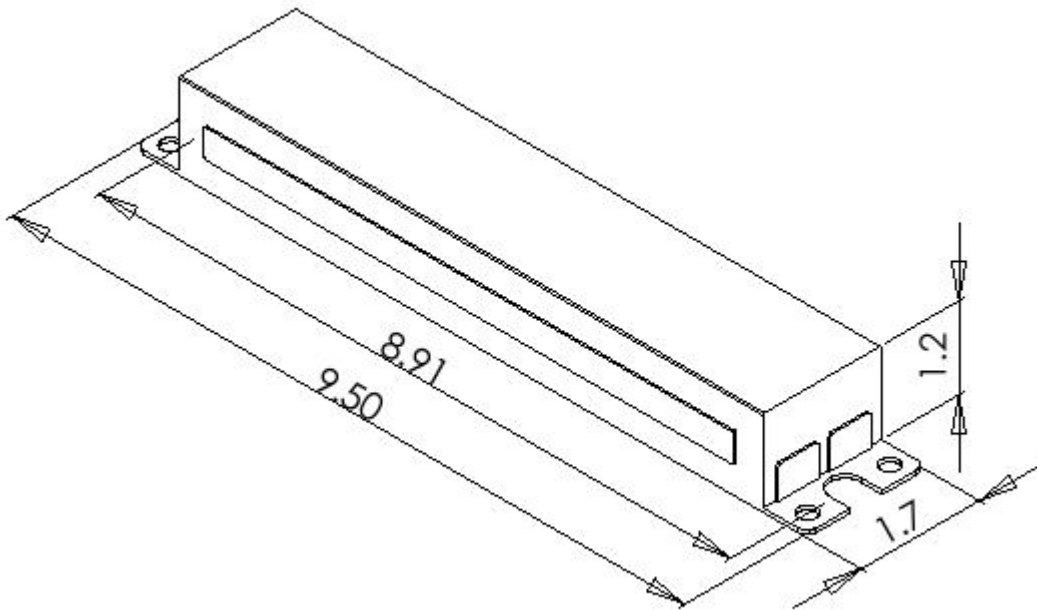
- Universal Voltage (120-277V)
- Outdoor Type 1
- Constant Current
- 0-10V Dimmable
- Multi Channel Parallel Operation
- Integrates with Adaptive Lighting Control Systems
- Compatible with Type A LED Lamps
- UL, cUL, UL8750 Class 2
- FCC Part 15 Class A
- Operating Temperature: -22°F to 122°F
- Storage Temperature: -40°F to 131°F

Specifications:

Lamp Type	No of Lamps	Input Voltage	Input Power	Input Current (mA)	Power Factor	THD	Dimming	Min. Starting Temp (C)
L24T8/8XX/10G-EB	3	120-277V	39W	0.33@120V	>0.90	<10%	0-10V Dimming	-18C
L24T8/8XX/10G-EB	4	120-277V	48W	0.4@120V	>0.90	<10%	0-10V Dimming	-18C
L36T8/8XX/10G-EB	3	120-277V	39W	0.33@120V	>0.90	<10%	0-10V Dimming	-18C

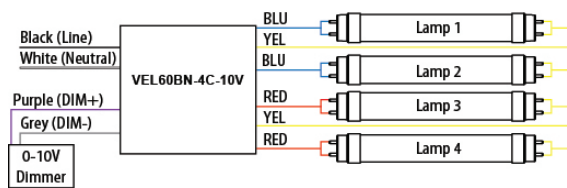
Lamp Type	No of Lamps	Input Voltage	Input Power	Input Current (mA)	Power Factor	THD	Dimming	Min. Starting Temp (C)
L36T8/8XX/10G-EB	4	120-277V	48W	0.4@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/10G-EB	3	120-277V	42W	0.35@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/10G-EB	4	120-277V	52W	0.43@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-EB	3	120-277V	47W	0.39@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-EB	4	120-277V	60W	0.5@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-EB-AC	3	120-277V	47W	0.39@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-EB-AC	4	120-277V	60W	0.5@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/14G-EB	3	120-277V	52W	0.43@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/14G-EB	4	120-277V	68W	0.57@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/15G-EB-AC	3	120-277V	55W	0.46@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/15G-EB-AC	4	120-277V	72W	0.6@120V	>0.90	<10%	0-10V Dimming	-18C
L24T8/8XX/9G-AB	3	120-277V	39W	0.33@120V	>0.90	<10%	0-10V Dimming	-18C
L24T8/8XX/9G-AB	4	120-277V	48W	0.4@120V	>0.90	<10%	0-10V Dimming	-18C
L36T8/8XX/11G-AB	3	120-277V	44W	0.37@120V	>0.90	<10%	0-10V Dimming	-18C
L36T8/8XX/11G-AB	4	120-277V	56W	0.47@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-AB	3	120-277V	47W	0.39@120V	>0.90	<10%	0-10V Dimming	-18C
L48T8/8XX/12G-AB	4	120-277V	60W	0.5@120V	>0.90	<10%	0-10V Dimming	-18C
LB31T8U/8XX/13P-AB	3	120-277V	50W	0.42@120V	>0.90	<10%	0-10V Dimming	-18C
LB31T8U/8XX/13P-AB	4	120-277V	64W	0.53@120V	>0.90	<10%	0-10V Dimming	-18C
LB48T8U6/8XX/13P-AB	3	120-277V	50W	0.42@120V	>0.90	<10%	0-10V Dimming	-18C
LB48T8U6/8XX/13P-AB	4	120-277V	64W	0.53@120V	>0.90	<10%	0-10V Dimming	-18C

Dimensions:



Ordering Code	Length (in)	Width (in)	Height (in)	Mounting (in)	Input Black Lead (in)	Input White Lead (in)	Output Red Lead (in)	Output Blue Lead (in)	Output Yellow Lead (in)
VEL60BN-4C-10V	9.5	1.7	1.2	8.9	22	22	31	31	46

Wiring Diagram:



Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.