

Channel Retrofit Kits

Commercial Grade LED Linear Retrofit Kits



Product Certification

[*Emergency Driver Solution Option](#)

Content

- VPL50-2C, Field-Adjustable Multi Channel Constant Current Driverr
- (1) VLM3611F/8XX Linear LED Module
- User Manual [versaLinear_kit_Installation_Guide_2021.10.7.pdf](#)

Description

UL 1598C Classified LED retrofit kits with linear modules, for any linear applications such as troffer, wraparound, strips, etc.

Features

- Driver + Module kits, no lamp socket needed
- Magnet on the back for easy installation
- UL 1598C Classified Retrofit Kits
- UL Class 2 Low Voltage System
- 3 Steps MacAdam Steps for Accurate Color
- Long life 50,000 hours
- 5 Years Warranty of Whole System
- Universal Input 120/277V
- 0-10V Dimming
- NSF 2 Complied with PC lens
- Aluminum backing for heatsink, independent to Fixtures
- True Multi Channel Operation
- Programmable with Multiple Light Levels
- Flicker-free, Meets IEEE 1798-2015

Specification Data

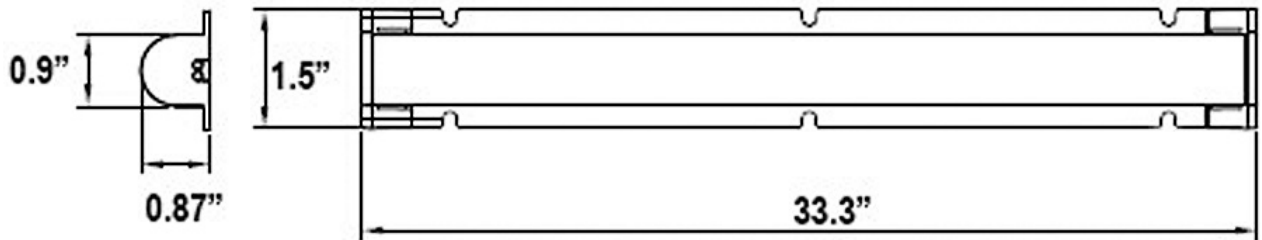
| Kit Order Code | Application | Mode | Kit Model | System Lumen | System Wattage | System Efficacy | CRI | Module | Driver | Power Factor | THD |
|----------------|----------------------|-------------------|----------------------|--------------|----------------|-----------------|-----|--------------|----------|--------------|------|
| VEKM-L31F/850 | 1 lamp, 3ft 5000K | Low Wattage | D546-1M-303 F/850 | 1140 | 10.5 | 108 | 83 | VLM3611F/850 | VPL50-2C | >0.9 | <20% |
| VEKM-L31F/850 | 1 lamp, 3ft 5000K | Normal Wattage | D546-1M-303 F/850 | 1400 | 13 | 108 | 83 | VLM3611F/850 | VPL50-2C | >0.9 | <20% |
| VEKM-L31F/850 | 1 lamp, 3ft 5000K | High Wattage | D546-1M-303 F/850 | 1700 | 16 | 106 | 83 | VLM3611F/850 | VPL50-2C | >0.9 | <20% |

Order Information

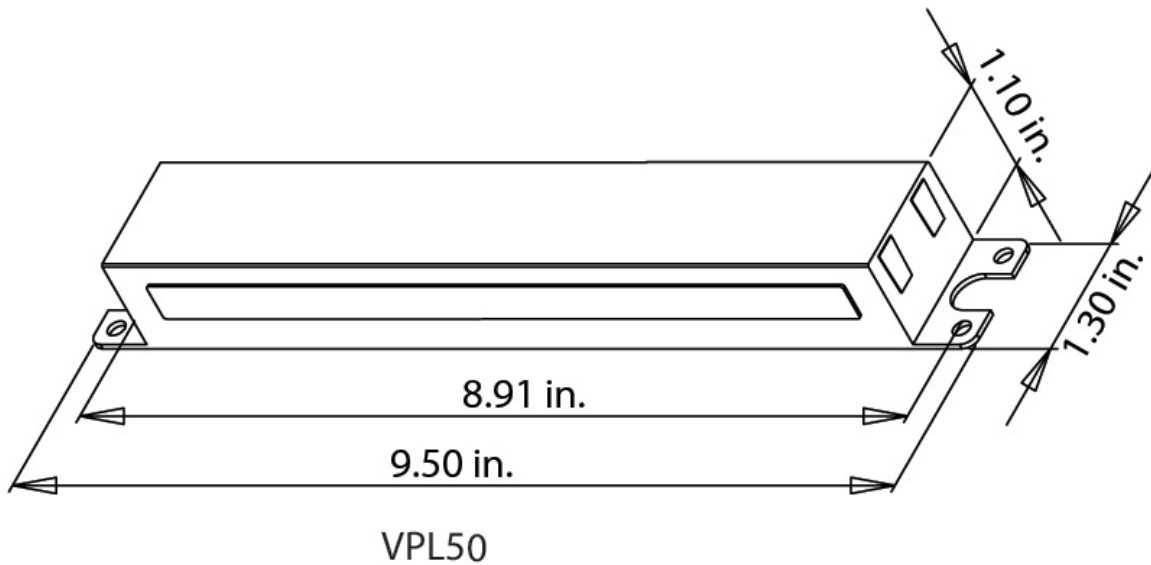
EXAMPLE: VEKM42F/HO/840

| VEKM | 4 | 2 | F | / | HO | / | 8 | 40 |
|---|---|---|---|---|---|----------------------------|------------|----|
| VersaLinear Linear Retrofit Module Kit | Module Length 4 - 4ft 3 - 3ft 2 - 2ft | Module Quantity 1 - 1 Module 2 - 2 Modules 3 - 3 Modules 4 - 4 Modules | Lens F - Frosted C - Clear (No Lens) | | Output Mode Empty - Normal Output HO - High Output VHO - Very High Output | CRI 8 - CRI > 80 | CCT | |
| | | | | | | | 30 - 3000K | |
| | | | | | | | 35 - 3500K | |
| | | | | | | | 40 - 4000K | |
| | | 50 - 5000K | | | | | | |

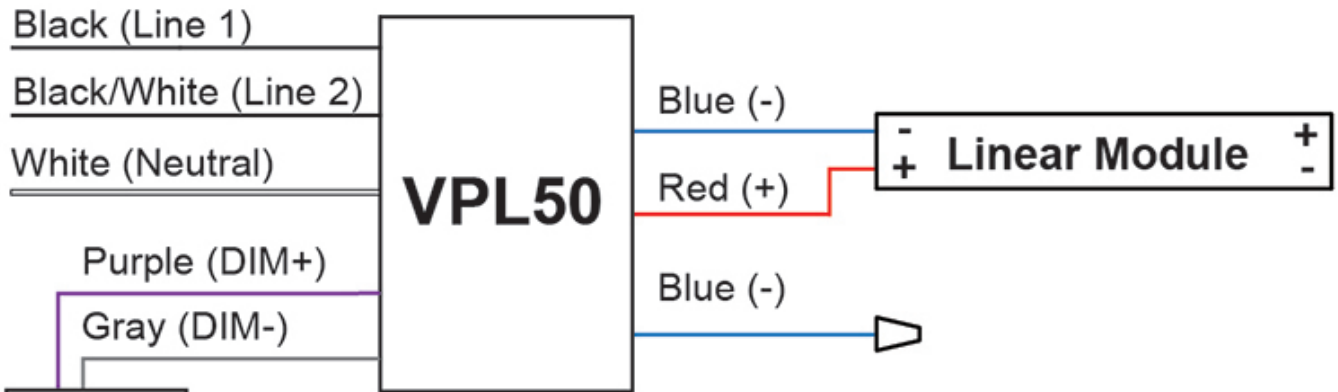
Module Dimensions



Driver Dimensions



Wiring Diagram



Output Current Selection

| Input Line | Output Current |
|--------------|----------------|
| L1 (BLK) | 300mA |
| L2 (BLK/WHT) | 250mA |
| L1 + L2 | 360mA |

Dlc Information

| Order Code | Mode | DLC Product ID | DLC Product Model | DLC Version |
|---------------|----------------|----------------|-------------------|-------------|
| VEKM-L31F/850 | Low Wattage | N/A | N/A | N/A |
| VEKM-L31F/850 | Normal Wattage | N/A | N/A | N/A |
| VEKM-L31F/850 | High Wattage | N/A | N/A | N/A |

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.