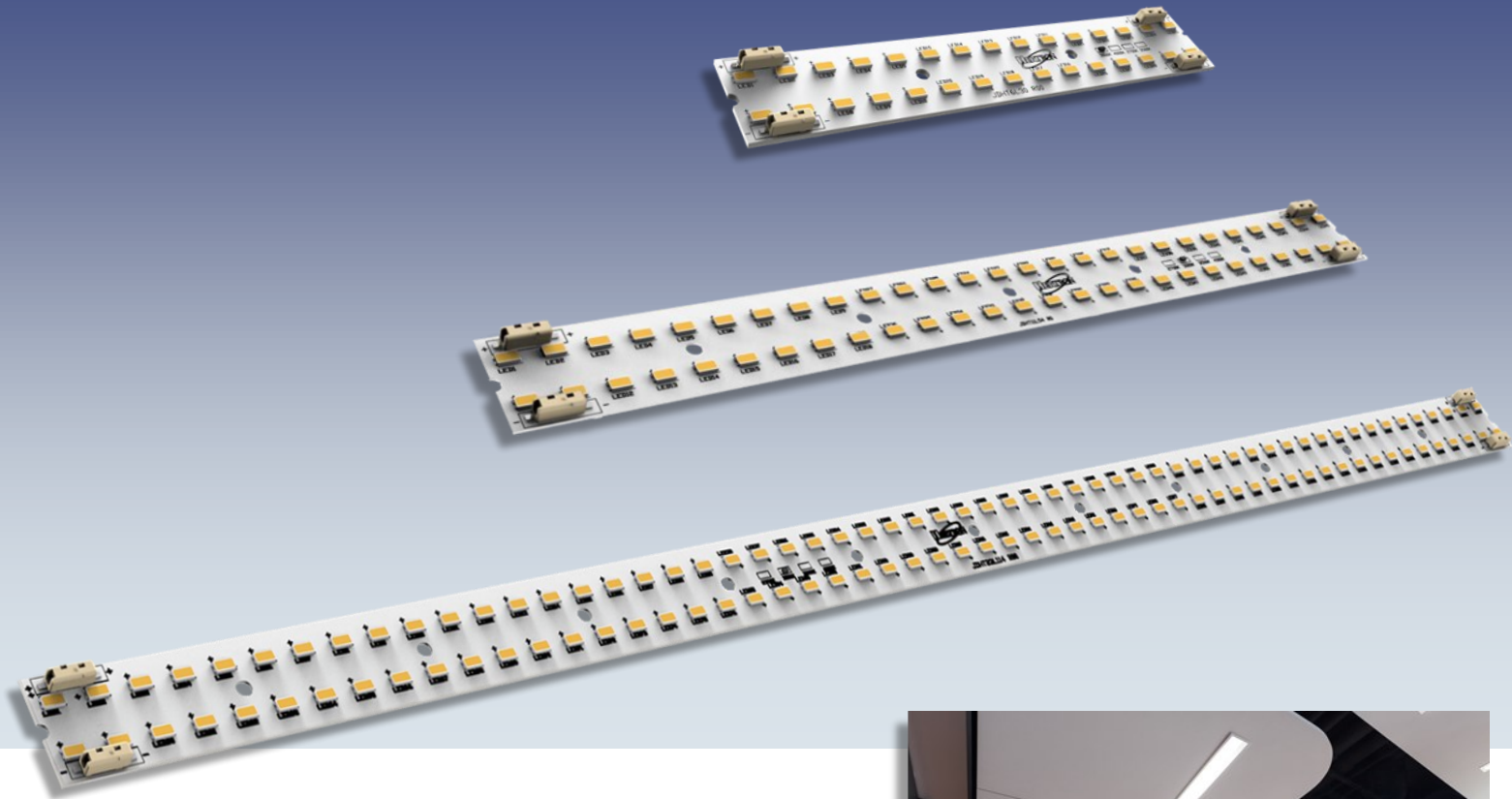




# VERALINE

## Mid-Power LED Modules

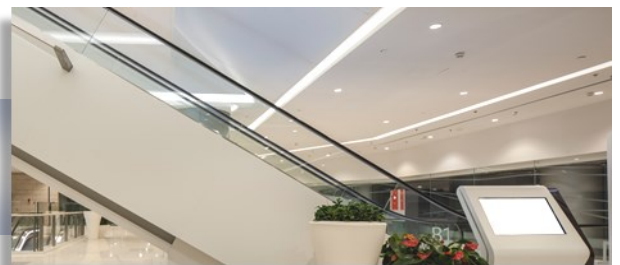


### Overview

Upgrade fixture designs with Heatron's high efficacy, high performance VeraLine linear LED modules. VeraLine provides an LED alternative for fluorescent linear luminaires and delivers energy savings with exceptional light output.

Designed for exacting performance, the UL8750 recognized VeraLine series is color matched within a 3-Step MacAdam ellipse for superior color quality.

The modules are available in 6", 11" and 23" lengths with end-to-end connectors for scalability. Delivering up to 1406 lumens per foot and 145 lumens per watt, VeraLine is ideal for a wide range of applications and luminaires.



*Transforming Your Vision  
into Higher Performance Solutions*

# VeraLine

## Key Features

- 700 to 4880 lumens
- Efficacy of up to 145 lm/W
- Superior color quality within a 3-step MacAdam ellipse
- Inter-connectable boards for longer runs
- Conformal coating for use in wet locations
- Color Temperatures: 3500 K and 4000 K

## Certification and Compliance

- IESNA LM-79
- UL 8750 recognized
- Lighting Class LEDs with supporting LM-80 data

## Warranty

- 5 year limited warranty



|       | Length<br>A       | Width<br>B       | Height<br>C  | Number of LEDs |
|-------|-------------------|------------------|--------------|----------------|
| LMP6  | 6.0" (152.4 mm)   | 1.05" (26.67 mm) | 0.23" (6 mm) | 30             |
| LMP11 | 10.8" (274.32 mm) | 1.05" (26.67 mm) | 0.23" (6 mm) | 54             |
| LMP23 | 22.8" (579.12 mm) | 1.05" (26.67 mm) | 0.23" (6 mm) | 114            |

*D is Tc measurement point. Mounting holes are 0.150" diameter, spaced 2.0" apart. Use # 6 screws for mounting. Hardware not included.*

| Optical Parameters                                    |                 | Maximum Operating Conditions   |     |
|---|-----------------|--|-----|
| CCT Kelvin  | 3500 K   4000 K | Ambient Temperature °C   | 35° |
| Nominal CRI   | 82              | Case Temperature °C  | 80° |
| <i>Contact Heatron for other CCT and CRI options.</i> |                 | <i>Operation beyond recommended temperatures may result in reduced product performance and life.</i> |     |

| Linear Mid-Power 6" |                  |                                |                | Luminous Flux at 3500 K |
|---------------------|------------------|--------------------------------|----------------|-------------------------|
| Nominal Voltage     | Constant Current | Nominal P <sub>LED</sub> Watts | Nominal Lumens | Lm/W                    |
| 14                  | 350 mA           | 5.0                            | 703            | 141                     |
| 15                  | 700 mA           | 10.2                           | 1285           | 126                     |

| Linear Mid-Power 11" |                  |                                |                | Luminous Flux at 3500 K |
|----------------------|------------------|--------------------------------|----------------|-------------------------|
| Nominal Voltage      | Constant Current | Nominal P <sub>LED</sub> Watts | Nominal Lumens | Lm/W                    |
| 26                   | 350 mA           | 8.8                            | 1250           | 142                     |
| 27                   | 700 mA           | 18.4                           | 2313           | 126                     |

| Linear Mid-Power 23" |                  |                                |                | Luminous Flux at 3500 K |
|----------------------|------------------|--------------------------------|----------------|-------------------------|
| Nominal Voltage      | Constant Current | Nominal P <sub>LED</sub> Watts | Nominal Lumens | Lm/W                    |
| 53                   | 350 mA           | 18.5                           | 2677           | 145                     |
| 56                   | 700 mA           | 38.8                           | 4883           | 126                     |

*Values shown at 25°C ambient. Use only with constant current power supplies. Actual drive current used is determined by the separately specified constant current LED driver.*



## Ordering Information

Example: JDHT-LMP11-E5435-80

| Internal | Series                  | Internal | Color Temperature | Minimum CRI |
|----------|-------------------------|----------|-------------------|-------------|
| JDHT     | LMP06<br>LMP11<br>LMP23 | E54      | 35<br>40          | 80          |

*Color matched within a 3-Step MacAdam ellipse. Contact Heatron for other CCT and CRI options.*

In the effort to improve our products, Heatron reserves the right to make changes.



### About Heatron LED Integration

Heatron LED Integration, a leader in LED lighting solutions, helps OEMs reduce cost and speed time to market while ensuring superior quality and performance. Our proficiency in the disciplines of optical, electrical and mechanical design, along with expertise in thermal management, provides you with a world-class LED light source.

Heatron offers various levels of integration ranging from the design and manufacture of LED light engine components to assisting customers with the design of complete LED lighting fixtures for commercial and industrial lighting applications.

*Transforming Your Vision into Higher Performance Solutions.* For more information about Heatron LED Integration, its products, services and manufacturing, visit [www.heatron.com](http://www.heatron.com).

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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