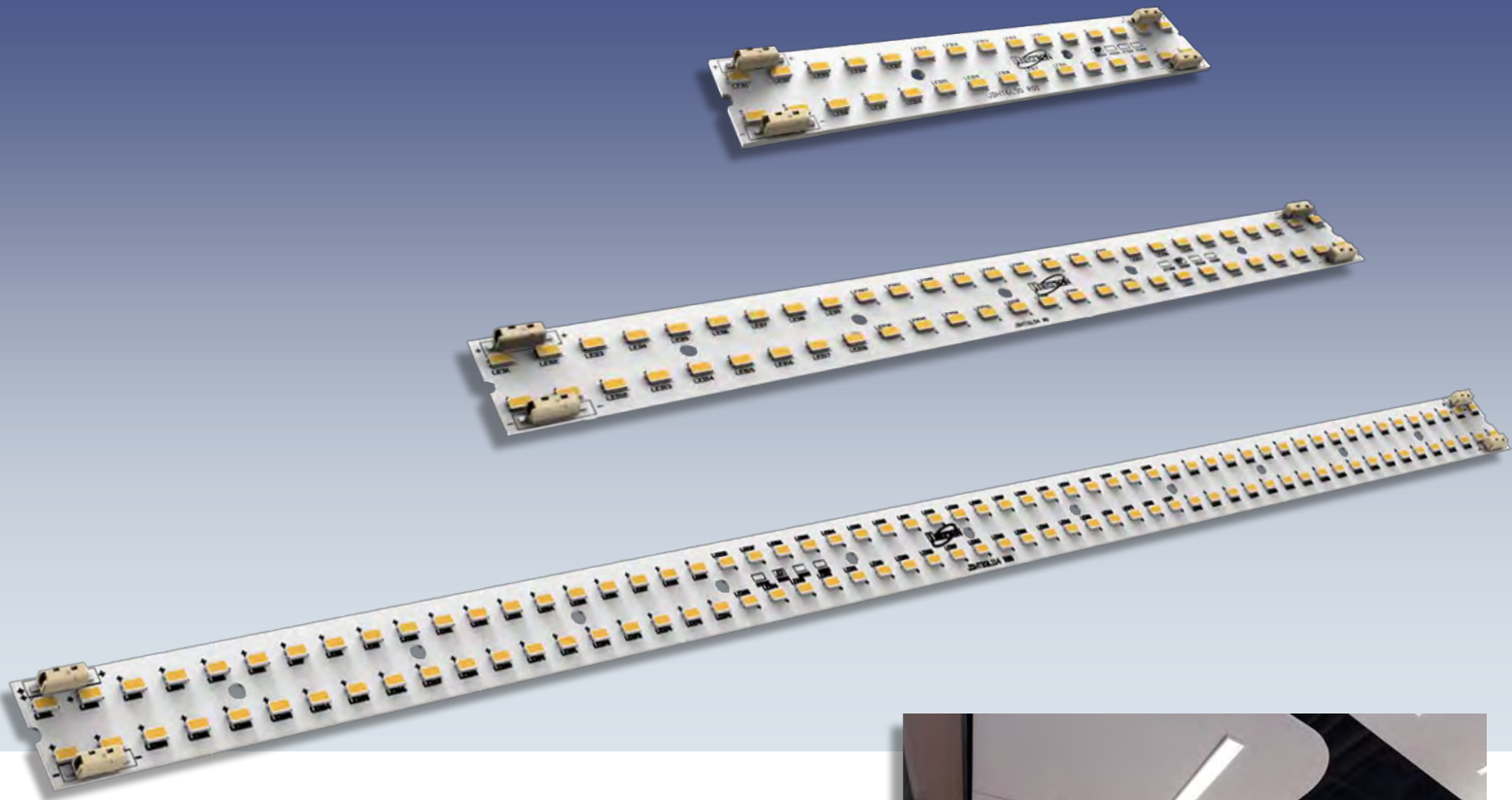




VERALINE

Mid-Power LED Modules

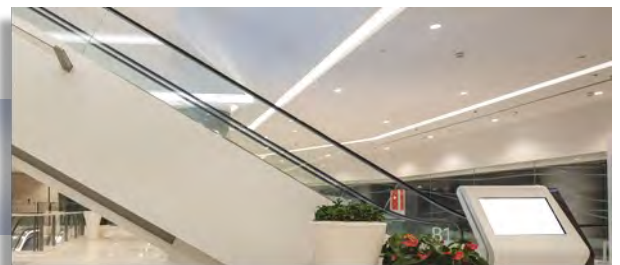
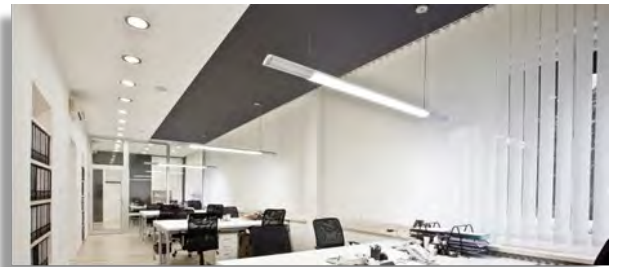


Overview

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

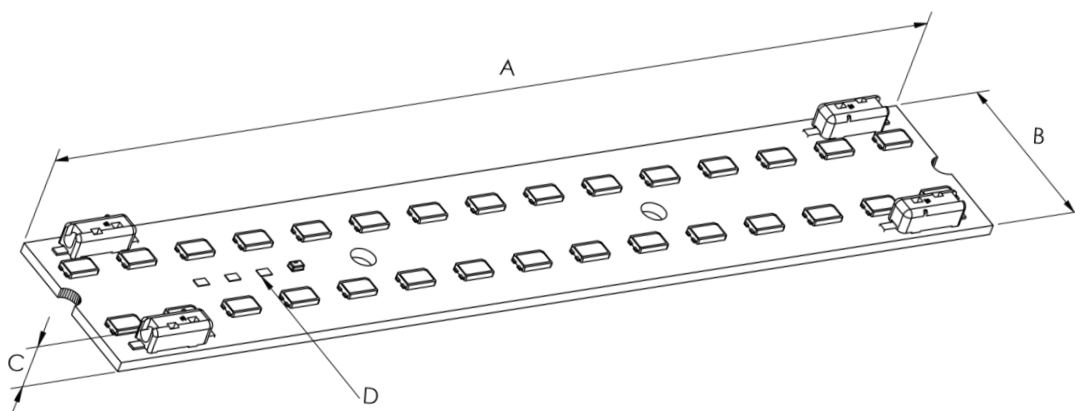
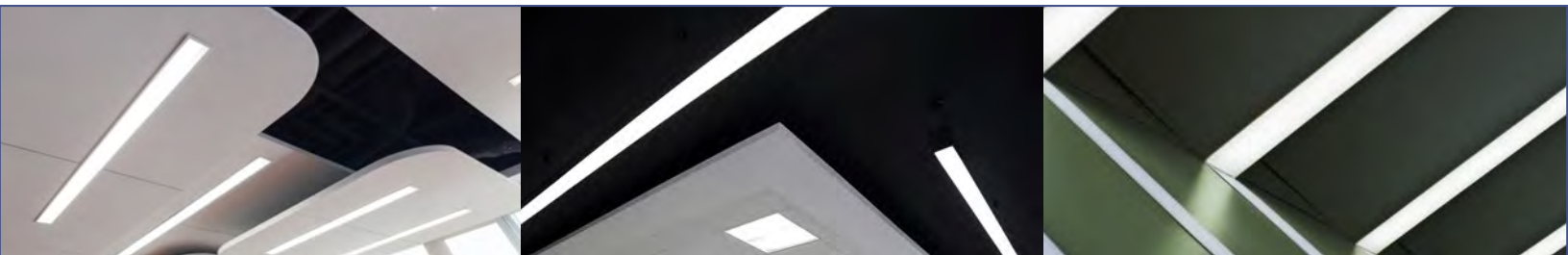
- 700 to 4880 lumens
- Efficacy of up to 145 lm/W
- Superior color quality within a 3-step MacAdam ellipse
- Inter-connectable boards for longer runs
- Conformal coating for use in wet locations
- Color Temperatures: 3500 K and 4000 K

Certification and Compliance

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

Warranty

- 5 year limited warranty



	Length A	Width B	Height 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 _{LED} 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 _{LED} 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 _{LED} 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.



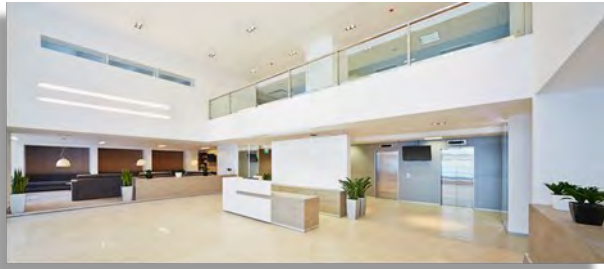
Ordering Information

Example: JDHT-LMP11-E5435-80

Internal	Series	Internal	Color Temperature	Minimum CRI
JDHT	LMP06 LMP11 LMP23	E54	35 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.

3000 Wilson Avenue
Leavenworth, KS 66048-4637 USA
877.553.9070
P: 1.913.651.4420 • F: 1.913.651.5352
www.heatron.com • sales@heatron.com
ISO 9001:2008

