

# FreeAir®

## Heatsinkless, Trimmable, Cost Effective LED Light Source

### Self-Cooling, No Heat Sink Needed

FreeAir® technology takes advantage of the most up-to-date high-efficiency LEDs and MetroSpec's patented FlexRad® heat spreading system. FreeAir eliminates the requirement for heat sinks in fixtures and even surpasses the output levels of modern fluorescent tubes. FreeAir accomplishes this in a thin, continuous strip of light.

### Easy Installation and Replacement

FreeAir can be designed into almost any fixture without the need for screws, fasteners, adhesives, or thermal pads. Single strips up to several feet long take the place of multiple circuit boards. Whether equipped with wires or connectors, FreeAir enables single point connection to LED drivers. Replacements and upgrades can be as simple as disconnecting and snapping into place.

### Cuttable For Precise Fit and Exceptional Performance

FreeAir incorporates many of the benefits of MetroSpec's patented FlexRad technology. The circuits can be shaped, curved, and trimmed to length at the time of installation. Whether provided in pre-wired strips or 300-foot reels, color quality and performance are always consistent.

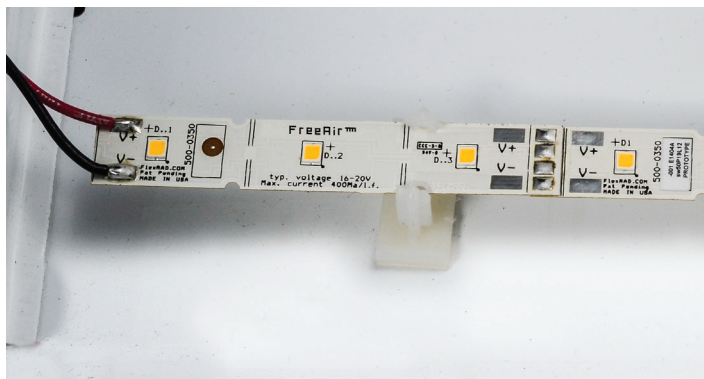


### Lowest Cost, Ultimate in Design Simplicity

FreeAir breaks through all design barriers for simplicity and lower cost. In addition to eliminating the need for heat sinks and fasteners, FreeAir opens the door to lower cost, compact fixture designs.

### Compatible with a Wide Variety of LED Drivers

FreeAir light sources are compatible with a wide range of LED drivers from name brand manufacturers. Dimming, occupancy sensing, and daylight set back can be included in fixture designs without any compatibility issues. In comparison with fluorescent light sources, FreeAir strips are brighter, significantly more efficient, and more uniform in color and output.



### A P P L I C A T I O N S

Troffer	Vapor Tight
Slot	Pendant
Wrap	T-Bar
Cove	Low Bay
Strip	



## Trusted Manufacturer of Patented FlexRad® High-Intensity LED Light Circuits

MetroSpec Technology® manufactures FlexRad® LED light sources exclusively for light fixture manufacturers needing the best efficiency, highest reliability, and most cost-effective solutions. For more than a decade, MetroSpec has been providing lighting OEMs with the finest LED technology, products, and services to help them quickly and confidently pursue LED fixture sales.

### Strong Personal Relationships

Partnerships are the center of MetroSpec's business. We collaborate with our customers, enabling them to win more projects and grow their businesses. Using our patented technology and industry expertise, we act as navigators to guide our customers through the challenges of LED light engine design.

### Speed and Efficiency

Delivering customized products quickly is one of our strongest attributes. We understand the urgency of orders and the need for quick product delivery. It is our priority to rapidly fulfill custom orders to exact specifications by maintaining a complete inventory of critical components.

### Customers Control Their Own Designs

Our customers have complete control over their products every step of the way. Private label LED designs and LED light sources are never discontinued or changed without permission, therefore eliminating costly redesigns and new testing. MetroSpec is a trusted supplier and not a competitor.



### Superior LED Light Circuit Technology

- High-Performing Flexible Circuits
- Reel and Trim Capability
- Superior Heat Dissipation
- Exceptional Performance at Low Cost



### Strong and Stable Supplier

For more than a decade, MetroSpec has been specializing in quality LED solutions for light fixture manufacturers. Our well-established and patented FlexRad solid state lighting technology has proven to be extremely reliable in a wide range of applications. Millions of FlexRad circuits are installed worldwide and installations grow by miles every week.

### Made in America

FlexRad is manufactured in Minnesota assuring direct communication and fast response. MetroSpec's lean, US-based manufacturing guarantees shorter lead times, highest quality, and lowest overall costs. With processes based on ISO and IPC standards, every FlexRad circuit is inspected and tested to ensure exceptional quality and near zero defects. Our customers are confident FlexRad is the best LED solution.



**Made in the U.S.A.**  
using highest quality LEDs.

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