



## Breakthrough Technology

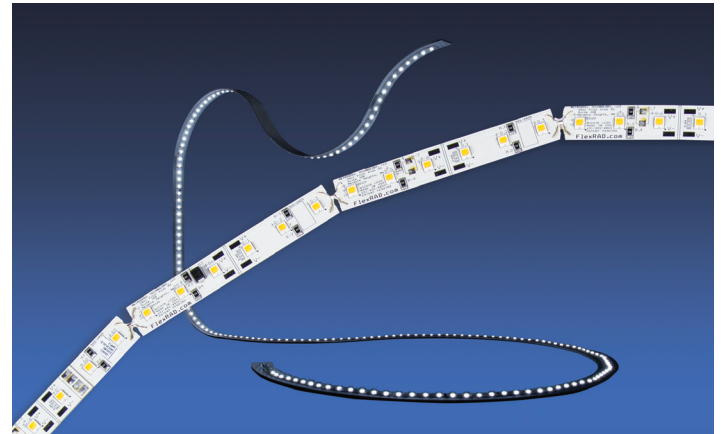
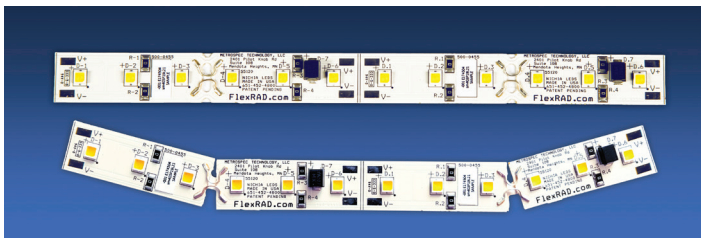
At MetroSpec, we design what is needed inside your current fixtures with our FlexRad® technologies. In previous years, light fixtures have been based on existing technology with a linear light source. With today's new lighting designs there are many unique fixtures that no longer keep to a straight edge. With the advancements in LED, light fixtures are no longer built to standard lengths. Our newest technology, Linear360®, has the ability to curve on a horizontal plane and bring a single continuous circuit into a downward facing ring.

### Unique Capability to Curve In or Out of Plane

As fixture designs have started to bend, the light sources to complete such a solution primarily consisted of many boards hard wired together with multiple wires and/or connectors. Sometimes the limitations within the design resulted in uneven illumination or an added failure point. FlexRad Linear360 offers a new circuit that provides options to fulfill a light fixture with one continuous circuit, and allows you to customize fixtures to unique requirements.

### Allows Straight to Curve in One Circuit

Linear360 was designed to provide a solid solution to handle the unique designs found in many new light fixtures. We have added innovative design features to our standard offering allowing FlexRad to bend in or out of plane. With Linear360, you can run one continuous circuit from straight to a full circle, allowing you to reduce manufacturing costs by not connecting multiple boards together.



### High Output Circuit with Trimmable Lengths

Linear360 offers the same great features found with other FlexRad technologies. We ensure the highest efficiency with excellent uniformity and dimming control to take advantage of current programmable power supplies. In most applications, output can be easily set regardless of cut length – and without giving up dimming control. Linear360 uses patented FlexRad technology to enable light outputs exceeding 2,000 lumens per foot.

### Sculpt Many Fixtures from One Circuit

The unique characteristics of Linear360 enable fulfillment of non-linear specifications with a low cost solution and faster assembly time. Linear360 has the ability to go from straight to almost any size diameter ring and can also handle large arcs, swooping S-shaped fixtures, and complex curved shapes. The same design can be used to form small radius bends or a larger curve. The versatility of this new circuit design allows FlexRad to bend in multiple directions to cost effectively fill your most demanding needs in an LED light engine.

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

Large Radius Rings	Architectural
Mixed Curve & Linear	Retail / Hospitality
Flushmount Round	Aesthetic Commercial
Round, Curved Slots or Arc'd	Entertainment



## 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 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 LED light circuit technology quickly is one of our strongest attributes. We understand the urgency of orders and the need for quick 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 designs every step of the way. Private label 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.



### 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.



### Superior LED Light Circuit Technology

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

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